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<212> DNA

<213> Homo sapiens

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 tatctcttta aattccagcc tcttttctaa gtggtggttt ttacatactg tctcttggtg 180  
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<211> 337

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 gtcacgccat ccaatgacac cagctgggtc gtcaccacc ccctctggct aaaactvvag 240  
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<211> 142

<212> DNA

<213> Homo sapiens

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<211> 108

<212> DNA

<213> Homo sapiens

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<211> 220

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# SECRET

004220" 156E1560

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 aaaatgcaca taagcaaaga actttacaaa taggttataa agagagc 227

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 tgcactcaag gcccaaaaga ga 262

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004220"666E"550

<211> 214  
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<213> Homo sapiens

<400> 28849

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<211> 184

<212> DNA

<213> Homo sapiens

<400> 28850

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agacacatgt acacgtatgt tcattgcagc actgttcaca atagcaaaga cttggaacca	180
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<210> 28851

<211> 107

<212> DNA

<213> Homo sapiens

<400> 28851

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<211> 160

<212> DNA

<213> Homo sapiens

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attcacatcc tgaaactaag gaatacaggg ttgamaaaaa tattaatatg tttgtcagaa	120
ggaaaaataa tgcattttatc ttcccccccc accccccgcg	160

<210> 28853

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<213> Homo sapiens

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aggttggaac agaagaaatg caca	144

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<211> 203

<212> DNA

<213> Homo sapiens

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 ttttaagatgg agtcttgctc tgttgcccgg gctggagtag aatggcatga tctcagctca 180  
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 taaggaattg aaacctagca atcttattgg agagacaa 158

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 tctcatgggc ccatgttgaa tgctgtggc ttttctatgc ctgttctgga gtctggagga 180  
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 ccccgatatt cccctctgca ctgccctagt agaagttttc catgagatct gtgcccctgg 300  
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<400> 28859

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gaat 424

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<212> DNA  
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<212> DNA  
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<212> DNA  
<213> Homo sapiens

004230"6667350



<212> DNA  
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<212> DNA  
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gagcaggtgg c 71

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<211> 141

<212> DNA

<213> Homo sapiens

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<211> 333

<212> DNA

<213> Homo sapiens

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ttcacctatc ccagttttta aaaatcaaata gtacatatgg taaactttct ttcattggag	180
tcatgttacc attttctttg gattactgag cctgcagcta aaatcctgct ctaatccatt	240
aaccttttga gttgctgtgc ctttacgcaa caaaaattct actgatttct aaccacaaat	300
gttaggttca atgattacag ttagtgatac aga	333

<210> 28876

<211> 56

<212> DNA

<213> Homo sapiens

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<210> 28877

<211> 95

<212> DNA

<213> Homo sapiens

<400> 28877

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<212> DNA

<213> Homo sapiens

<400> 28878

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<210> 28879

<211> 67

<212> DNA

<213> Homo sapiens

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<210> 28880  
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<212> DNA  
<213> Homo sapiens

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tttcgctgtg atttcgctgc cggcgacc 148

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<212> DNA  
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gactaaaatc ctatctgkct tcccattcat gagcsatgtg atagcaggcc agtgacttca 120  
tcttctgagt tcattttctt acctgtgtaa caaggaacat gatgcctgcc ttacagagtc 180  
atttggggat taaagcagtt aacattcaca acacatttgg tgcttactat gtccttat 238

<210> 28882  
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<212> DNA  
<213> Homo sapiens

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acacacacca csaacaacca ccactacacc acasatgckt ataacaggca c 111

<210> 28883  
<211> 353  
<212> DNA  
<213> Homo sapiens

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atcctcatat gtacaacaat gatgtgtgta ttatataaca gtgatgtgta catttctgac 180  
accccatata taatatacac agtttgtata aatgcataca tttaaaaata tatatgtaca 240  
atacagctaa cataaaactg tagtacgcct gaaggatatt actagtgcct aatattgagt 300  
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<210> 28884  
<211> 62  
<212> DNA  
<213> Homo sapiens

<400> 28884

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<210> 28885  
<211> 432  
<212> DNA  
<213> Homo sapiens

<400> 28885  
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gcctcwmctt ccttgaaatt tctcagcggg agtctcctca ctgccactaa aaccaccca 180  
gcccactaac tgaggagcta gtgttaatcc agagaacccc ccgcaatgtg cttccgagat 240  
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ggcggcactt caagcaaaga cagtttcttg caagctccag tagctccgct tgtctcattt 360  
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gttagctcac aa 432

<210> 28886  
<211> 144  
<212> DNA  
<213> Homo sapiens

<400> 28886  
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atctgccgcc atgatccagc acct 144

<210> 28887  
<211> 403  
<212> DNA  
<213> Homo sapiens

<400> 28887  
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ctgctgctga caagctctga tttgggtaag atgtggcag gtgccagcaa aggacaatag 180  
gcttttaatt aaggtctgta gagccatagc tcaggaaaca cactcctga agagtttttt 240  
tgtttttgtt tttttgtttt ttttansaaa aacacttgctg tttcttcttg ckaccctaca 300  
aacagtaact gkgctgctcca tcgaggcaac tgtggtcgtt aatcttccgc agcacaggaa 360  
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<210> 28888  
<211> 101  
<212> DNA  
<213> Homo sapiens

<400> 28888  
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aagagggctg ckcctttcaa caattggatg gagggcgcg t 101

<210> 28889  
<211> 336  
<212> DNA

<213> Homo sapiens

<400> 28889

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gagtggaaat	aaattaaatc	atcagaaaaga	tactcgtcag	gcaacttttc	ttttcagaag	180
aggcctgaag	gtgcaggccc	agttgaatac	agaacaactg	ctagacgatg	tagtagcaaa	240
gagaactcgt	caatggcgga	cttcaccac	aaatggaggg	attttgactg	tatctattga	300
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<210> 28890

<211> 264

<212> DNA

<213> Homo sapiens

<400> 28890

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aagaaaacaa	attgccataa	gagtctcctg	tccctgcctt	ggatcatttc	atgctaatac	180
aaggcagttt	atgctaataa	atgttaaatt	tatcaggaat	tcgattaggt	tttaatttgt	240
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<210> 28891

<211> 184

<212> DNA

<213> Homo sapiens

<400> 28891

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aggttcttat	ctacagaagc	catttctata	atgagaaggc	tgtaagaag	aaatcctgaa	180
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<210> 28892

<211> 374

<212> DNA

<213> Homo sapiens

<400> 28892

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taaatacaaga	caaaaatgta	acgagtggcg	ttatttgtac	atttttgcag	atctctttaa	180
tgtttgtctt	aatagaagtc	agctagattc	tcatatatgc	ttctrtgttc	agtatgttgc	240
agtgttttct	angttgaagt	acccgaagaa	aatccaacct	cacacagaca	agtagttggg	300
aaagggatta	ttttaatcgc	ttttnmgctt	gaaagcttaa	atgttttctg	ttacaacaaa	360
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<210> 28893

<211> 92

<212> DNA

<213> Homo sapiens

<400> 28893

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004220" 06567560

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92

<210> 28894

<211> 288

<212> DNA

<213> Homo sapiens

<400> 28894

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tctaataag	tnaaagttac	tgagggtcaac	agatagacag	gtctggcata	atatatgccc	180
agtcataata	gtctaattat	attcttttga	caacagacag	cattcatcag	agcactaatt	240
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<210> 28895

<211> 218

<212> DNA

<213> Homo sapiens

<400> 28895

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aataagtagt	kttttagcsc	ctgccttcct	cccttcctcc	cccttccggt	agtccccagc	180
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<210> 28896

<211> 204

<212> DNA

<213> Homo sapiens

<400> 28896

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tctctgagac	atgcctagga	atztatcaga	agaagaaaact	agaagaaaagt	gtgtgtgtgt	180
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<210> 28897

<211> 122

<212> DNA

<213> Homo sapiens

<400> 28897

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agaaagaaga	gaaaaaagaa	cccaagaaaag	aggttaagaa	agaaacaccg	ccaaaggaac	120
tc						122

<210> 28898

<211> 111

<212> DNA

<213> Homo sapiens

<400> 28898

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acaatcaaaa	tatgaacata	tttatcacc	ccaaaagttt	tcccctgcaa	c	111

<210> 28899  
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 <212> DNA  
 <213> Homo sapiens

<400> 28899  
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 atgctcgcac ctcccactgg acggcgacga aggcgggtggc cgtgcgagcg caggactggg 180  
 cggcctgtgt ggggtg 196

<210> 28900  
 <211> 163  
 <212> DNA  
 <213> Homo sapiens

<400> 28900  
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 aaaggccccg cagtccctct cccaggagga ccctagaggc aat 163

<210> 28901  
 <211> 143  
 <212> DNA  
 <213> Homo sapiens

<400> 28901  
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<210> 28902  
 <211> 119  
 <212> DNA  
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<400> 28902  
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<210> 28903  
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 <212> DNA  
 <213> Homo sapiens

<400> 28903  
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 gtcggtcagc ggcttgattt acagcaggct tgcaagactg cattctttga acaataggct 180  
 ctagatgtcc cagtagataa tctcagtgag cacagtgccca gggagc 226

<210> 28904  
 <211> 161

<212> DNA  
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<400> 28904  
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ccttaacggt ggtagaaatt tgaactataa aataacaccg t 161

<210> 28905  
<211> 276  
<212> DNA  
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<400> 28905  
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taaataaaga cataaatatg tgggagagtg gaccacgcaa ggacaaaaag aggagagaag 180  
gcagcaagaa ttatgactaa ttcaaaactg gggttcctgag atagttaaataaatcctgca 240  
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<210> 28906  
<211> 223  
<212> DNA  
<213> Homo sapiens

<400> 28906  
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ggcaggaaga tcacttaaaag ccaggagttt aaggctgtag tgcgttatga ttgagcctgt 120  
gaacagccac cgtactccaa cctgggcaac atagcaagat ctcacgtcca aaaaaattaa 180  
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<210> 28907  
<211> 119  
<212> DNA  
<213> Homo sapiens

<400> 28907  
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<210> 28908  
<211> 287  
<212> DNA  
<213> Homo sapiens

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agcaggcggg gggagagcag attccccct cccctctcc tctcccatcc ctctkcttc 180  
ctcctccctt tgagttaaca aggccccgt cactatatct ctttatatta aatatatata 240  
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<210> 28909  
<211> 239

<212> DNA

<213> Homo sapiens

<400> 28909

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aagataagaa	cttttaatat	ccctttaaaa	cttttttcta	taccagagac	acatatctat	120
awmtatccac	tgatgtatct	atatcaatac	ctaaaattat	atataataat	tttacttcat	180
gcagatcttc	attgaaaaga	tagaatactg	tgtocttggc	ttaggtacta	tgggtgacg	239

<210> 28910

<211> 258

<212> DNA

<213> Homo sapiens

<400> 28910

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ttgcttttaa	gaagaaatat	tagttgaggt	ttccaacggt	agacccccta	gagtttggcc	180
cacaaattgt	tttggtaggt	tataagatgg	gcctgctgcc	caatactctc	aatttcagct	240
gccaccaaag	aggaccta					258

<210> 28911

<211> 207

<212> DNA

<213> Homo sapiens

<400> 28911

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ttttttggag	acagagtctc	gttttgtggc	ccaggctgga	gtgcagttgt	gtcattgcgg	180
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<210> 28912

<211> 364

<212> DNA

<213> Homo sapiens

<400> 28912

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gcgagccctg	aatcctaaaa	gtttggctct	accaggccag	gtactctgat	ggtaggaaca	180
gtgtgccaaa	tgaggaggtc	ttgccaataa	tattckgata	atgtctacca	tttattgttc	240
ttatacacta	aaggacaact	taccaagag	gcacagttac	caacnnaaga	ggcatacttg	300
ccatatcccc	agtaagtggg	ggagttggga	ttaattagga	cccctatctg	tctggcaaca	360
catc						364

<210> 28913

<211> 61

<212> DNA

<213> Homo sapiens

<400> 28913

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 <212> DNA  
 <213> Homo sapiens

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 ttctcacctc tttcctagtc agtatattca gcaaataattt attgagccct tactgtgggc 180  
 aaatcattgt actggataat tgagaaaaat agataattcc cttattcagt aaatgtctac 240  
 tgagcac 247

<210> 28915  
 <211> 431  
 <212> DNA  
 <213> Homo sapiens

<400> 28915  
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 aatcctgaaa cactgacact gtccttggac agcctctgtg gaagaaatgg aaaacggcac 180  
 ccaggaaacta agcaagctgg ggagtgccaa gagagccgc ctccaaaagg ctgggtccctt 240  
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 tgggtgtcat ctggcagaaa caaggaagtt acttgcatc tgttccacaa atagaggaat 420  
 tcctacaagt a 431

<210> 28916  
 <211> 82  
 <212> DNA  
 <213> Homo sapiens

<400> 28916  
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 tcggctcact gcaacctccg cc 82

<210> 28917  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<400> 28917  
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 aaaaacttaa ggtaaaaacc ctttctcct ttaaaatata gattgattat atgtaaattg 120  
 gattttatgt actaatcagt caccaaata actagacaga gaatgaatgg agtcacttta 180  
 gcttttcaaa ggagttttta tagccagttg catgcgttg agctgtcgct attgctctgt 240  
 gcctagatgg atactctgcc cagaactgcg aattgt 276

<210> 28918  
 <211> 190  
 <212> DNA  
 <213> Homo sapiens

<400> 28918  
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 tacgttattt atggttttac catttaaacc attgtcacta tttggcagtt ctgtttaata 180  
 gagggcgat 190

<210> 28919  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 28919  
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 ttttcccagc accatttatt aaatagggaa tcctttcccc attgcttggt tttgtcaggt 180  
 ttctcaaaga tcagatagtt atagatatgc ggcattattt ctgagggctc tgttctgttc 240  
 cattgatcta tatctctggt ttggtaccag taccatgctg tttcgggttac tgtagccttg 300  
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<210> 28920  
 <211> 454  
 <212> DNA  
 <213> Homo sapiens

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 tttgaagtag tgaaattgta ggccattttc ttataacatt tcagttactt ttcagttaat 180  
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 aattcaattt aagatgggct tctctgaggt ccacatcatg gcagttcatt tactcttggt 300  
 ccaaattgga acaccagtc taaagcagtt tcacagcatg gtcccctaca atgttatacc 360  
 aaggctctga tgtatttctt ttagtagttt ctaagtgtaa aatttattct aaatgttttt 420  
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<210> 28921  
 <211> 91  
 <212> DNA  
 <213> Homo sapiens

<400> 28921  
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 gatcatttat tttcatcaaa gcctgtkctc t 91

<210> 28922  
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 <212> DNA  
 <213> Homo sapiens

<400> 28922  
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 ataacaagcc ttataagtcc taaagcatta agttgcactt ttttgaggag gggtagtgca 180  
 gtatttctct ggcctat 197

<210> 28923  
 <211> 240  
 <212> DNA  
 <213> Homo sapiens

<400> 28923  
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 attccctagc tagggtcatt aatacattct tatgaattat taatcccata tggatagcta 180  
 gtttccctag cacctttaaa aaatagttta ttattttcct cctgatgtat aaggccacca 240

<210> 28924  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 28924  
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 ttaa 124

<210> 28925  
 <211> 140  
 <212> DNA  
 <213> Homo sapiens

<400> 28925  
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 gcatttatct gacgaccagt 140

<210> 28926  
 <211> 71  
 <212> DNA  
 <213> Homo sapiens

<400> 28926  
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 gtgcctgcct c 71

<210> 28927  
 <211> 230  
 <212> DNA  
 <213> Homo sapiens

<400> 28927  
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 ccttggtgtc atttgtggca gcctatagca ttagagcctt tgagaacaga tctttccaga 120  
 ttctgcttaa gtccaggat tctgtgaccg cagaaatgac tggcatctcc atctgctcgt 180  
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<210> 28928  
 <211> 205  
 <212> DNA

<213> Homo sapiens

<400> 28928

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tcacagt	tttg	aaactg	aagc	agtaa	acttg	tttcc	agaca	tctttt	tcag	attgtc	cttaa	180	
gccc	aaagt	gcctc	acttc	cacgt								205	

<210> 28929

<211> 218

<212> DNA

<213> Homo sapiens

<400> 28929

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gtatgta	ata	agtaac	acag	agtttt	aaaa	caaatta	aatt	atttag	cttt	attga	agttt	120	
gtttttt	tcc	ttccga	acct	ggagt	atcat	attata	aaaca	gcagtt	tcac	accaga	atag	180	
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<210> 28930

<211> 191

<212> DNA

<213> Homo sapiens

<400> 28930

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tagata	acat	tgaaa	agttt	gagtgt	taca	ggctc	taaag	tgcaat	ggag	aacaat	tgt	180
taggag	gagc	c										191

<210> 28931

<211> 227

<212> DNA

<213> Homo sapiens

<400> 28931

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gtgcagt	ggc	gatctc	agct	cactgc	aacc	tccatc	tcct	gagttc	aagc	gatttc	cctt	180
cctcagc	cctc	ccgagt	agct	gggatt	gcac	ccacc	accac	acctgga				227

<210> 28932

<211> 81

<212> DNA

<213> Homo sapiens

<400> 28932

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<210> 28933

<211> 248

<212> DNA

<213> Homo sapiens

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 atgtatgata atcgagtatr aatttcatca atggagagta gatrrataaa ggcacttgat 120  
 agcctgctgc tatttgtttg taagaaatta aaactagcgc gtggtgagct gggttatctc 180  
 tcgaaaactc atgtagatgc ctgattgagt cataaggaca aaagggtgtt ttgcctttgc 240  
 ctgtggaa 248

<210> 28934  
 <211> 98  
 <212> DNA  
 <213> Homo sapiens

<400> 28934  
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 ggacattggg actgtatctg gktcaaata ggcgctk 98

<210> 28935  
 <211> 145  
 <212> DNA  
 <213> Homo sapiens

<400> 28935  
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 atttcagagg ccagcgtagg agtcacgac aacgaaaagc cgagaacca gggccagcag 120  
 tggagcctca gcagaccagg ggccc 145

<210> 28936  
 <211> 179  
 <212> DNA  
 <213> Homo sapiens

<400> 28936  
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<210> 28937  
 <211> 205  
 <212> DNA  
 <213> Homo sapiens

<400> 28937  
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 aatttcgact gccagagct tgaagactca tttccagaag ataactcacg ccagctacga 120  
 tttcttctac cataatttgg atatttacgc ctacatgtcc tttgtctaga ctgtgatacc 180  
 aaaaccactg aatccgacgg aagac 205

<210> 28938  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 28938

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tcagcctccc	aagtagctgg	gattacagga	atacaccccc	acactcagct	aatTTTTgtA	180
tttttggtag	agatgggggt	ttcgctatgt	tggttaggct	ggctctgaac	tcctgacttc	240
aagtgatccg	cccacttttg	cctcccaaag	tggtgggatt	acaggcataa	gccachgtgc	300
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attcttaaac	ttctagagtt	a				381

<210> 28939  
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 <212> DNA  
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<210> 28940  
 <211> 113  
 <212> DNA  
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<400> 28940						
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<210> 28941  
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 <212> DNA  
 <213> Homo sapiens

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gatcacatcc	caaccctcag	catcatgcaa	atactgaggt	aacaaahhtg	catacataac	180
ctttgaatct	acaataaata	ttaaaattat	ttttaaaaag	aaaagatgaa	ttaaaaagat	240
aataataaaa	attgctgaat	atttgggaatt	gaathbvcca	cacctcaata	tttacaacat	300
ataaccaagt	gttaca					316

<210> 28942  
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 <213> Homo sapiens

<400> 28942						
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gtaggcacta	atTTTTcaaa	gctttgggat	aagtaggggc	agcaagagaa	actagaagtt	180
gttttatggg	ccccttagat	ttcttcatct	ctgattgtta	gttattaatg	gccaaa	236

<210> 28943  
 <211> 181  
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100-33460-100

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caaattcccc ccaatctcac ttagctgtca ctacttttt ttctctcttc tctcatcttc      60
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caaggcacag ttatttctcc cagacaggcc ctgtgtcact ttcataaatc aaaccagac      180
c                                                    181

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<213> Homo sapiens

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aaaaaaaggca agggttgcaa tcctagtctg tgataaaaca gactttaaac caacaaagat      60
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<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

<400> 28948

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<210> 28949  
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 <212> DNA  
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<400> 28949  
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<210> 28950  
 <211> 199  
 <212> DNA  
 <213> Homo sapiens

<400> 28950  
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 tattcacaaa ttccaatttg tgggagatcc agtaaaaatc catgcagtgt gactgaagag 180  
 cttgaaaaag gaggagatt 199

<210> 28951  
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 <213> Homo sapiens

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 atgttttctc cagaatattt agcaaaactc caactatcta ctccacatat atcttgaaaa 180  
 tctcagagac accccaaact cagatcttct tctcctttcc ttctttaaat atctgctagc 240  
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 gatcatctt gatatggcta agcttttgtt tcccacccaa atctcatctt gmattggaat 360  
 ccccataatc cccacatgtc aaggagagag ccagggtggag gtaattggat cgtgggggca 420  
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<210> 28952  
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 cagctgtccc agtgaagtca ctccagcga cccgacagct gactgttgct gcatgagtga 180  
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<210> 28953  
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<213> Homo sapiens

<400> 28953

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tgaaattatt	ttcattaaac	ctcacataat	ttttgcaata	cagtattgaa	cttgcttata	180
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<210> 28954

<211> 301

<212> DNA

<213> Homo sapiens

<400> 28954

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gagatattca	ctgaggggtcc	tacgtctctg	caatttgtgt	atgaataaca	gaataatttc	180
cctcttttgt	ttcgcccttc	ctgttcctga	atctaaataa	agatggcttt	ttagtattaa	240
aagtggaaga	aaattacagg	taattatctt	tgacggtaaa	aacgctgtaa	tcagcgggcc	300
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<210> 28955

<211> 77

<212> DNA

<213> Homo sapiens

<400> 28955

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<210> 28956

<211> 363

<212> DNA

<213> Homo sapiens

<400> 28956

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accttcaaac	ttatcaccat	ccagttaaat	ttgaggaatg	gtaattgatg	accttaagtg	180
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ggtacctaac	taattcttat	tgcttgaaatg	tggttgtaga	gtagaccctt	cattaggaag	300
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<210> 28957

<211> 441

<212> DNA

<213> Homo sapiens

<400> 28957

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agggttggac	acgatggaaa	tattttgggtg	aaccattcgt	tcccttgggt	ttctttctca	180
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cattttattg	catggtaaaa	cacaatttat	ccactttctt	gtcaatgagt	atctagttag	300
attcctgttt	tttggcta	tcaaataaaa	ctatgaatgt	ttttgtaccg	gtcttttggg	360
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cagcatggcc	agttttctaa	a				441

<210> 28958  
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 <213> Homo sapiens

<400> 28958						
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<210> 28959  
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 <212> DNA  
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<400> 28959						
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gtaaaagtgt	tcccttttct	ccacaacctc	accagmatct	gtttttatct	cttttttact	180
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<210> 28960  
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 <212> DNA  
 <213> Homo sapiens

<400> 28960						
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gcctctccat	gggccccttc	ctcctcccat	cgcccaccca	c		161

<210> 28961  
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<400> 28961						
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anctccaggc	agattgtttt	taaagtttta	tcaagttaca	agatgataac	taattttaaga	180
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ttattttctta	tctccccacc	acaaaaataa	acaccctgct	atacatttca	gattttcctat	300
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cctctttctcc	ttgcctcctc	cattgctca				449

<210> 28962  
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 <212> DNA  
 <213> Homo sapiens

<400> 28962  
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tgaacttgat agctaaaga 439

<210> 28963  
<211> 111  
<212> DNA  
<213> Homo sapiens

<400> 28963  
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<210> 28964  
<211> 216  
<212> DNA  
<213> Homo sapiens

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gctagtgttt tgggtgtaag gattgggttc tgctacctct agcttcttga ttacatgaca 180  
gcaacacaag gagccacag ttccagaaga gccgga 216

<210> 28965  
<211> 164  
<212> DNA  
<213> Homo sapiens

<400> 28965  
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ccgtagcctt gaactcctgg gctcaagcaa tcctccacc tact 164

<210> 28966  
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<212> DNA  
<213> Homo sapiens

<400> 28966  
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cgggccaaaca aatagttcca gggtcacccc cgagaggaca acaggcatct ggaagtgtc 300  
tctcgccact ctgggtgctt tactvgsctc tggcttgttt ccatcactgg aaatcactta 360  
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<210> 28967  
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 <212> DNA  
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<400> 28967  
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<210> 28968  
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 <212> DNA  
 <213> Homo sapiens

<400> 28968  
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 aagaagtcaa attatccttg tttgcagatg atatcctata ttggaaaac cctaaagact 180  
 ccatacac 188

<210> 28969  
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<210> 28970  
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 <212> DNA  
 <213> Homo sapiens

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 a 421

<210> 28971  
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 <212> DNA  
 <213> Homo sapiens

<400> 28971  
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 cccaggctgg agtaaagtgg tgcgatctcg gctcactgca agctccgwt cctgggatca 360  
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 <212> DNA  
 <213> Homo sapiens

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 tctatacttt gtgttctggt ttagtacttt tgatagtagt tacatttccc cctcacttat 180  
 tcccacagtt cagctgctat gcaaactgag aaggaccaa ggtattctta gataaaataa 240  
 gtagtagtat ttacagcact tttgaatctg ggagaaagtg aagtacagac agatnggtaa 300  
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 ttattcagtt tcttgataac caaactatat tagaatttaa ttaaaatata ttattgagaa 180  
 gctaaagttt gaatatatct gtggcaatga ttttcatatg ttaatatattc ttagtctgtg 240  
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 tccaagtttc ccaaattaaa tgtttctaatt attactatat atgcctaaaa aaagaaaaaa 180  
 aaagggcttt taaaatcagg gcaagggaga agagataaaa agtcatcaaa ttagtcctct 240  
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 <213> Homo sapiens

<400> 28977  
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 tcaaatacca cctcttcaaa cccctcgc 89

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 <212> DNA  
 <213> Homo sapiens

<400> 28978  
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 acga 124

<210> 28979  
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 <213> Homo sapiens

<400> 28979  
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 tgctcttgta gatttatttt gtttacagta gactgatgtc agtttttgta aatgtttttt 180  
 cttagcactt taactgtgag tgtacaaact gattttaaat gtagtggc 228

<210> 28980  
 <211> 245  
 <212> DNA  
 <213> Homo sapiens

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 cctgggctgt caccctgagg ttggcagtg tgggccagga tacgtatgag aaacaaagcg 180  
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 ggccc 245

<210> 28981  
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<212> DNA  
<213> Homo sapiens

<400> 28981  
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tataggcaac aatgacagta ggattatcag ctgaaaaaga gagactattt tgaaaaggaa 180  
gggaatggaa cgt 193

<210> 28982  
<211> 357  
<212> DNA  
<213> Homo sapiens

<400> 28982  
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catttgaaaa tatagaaaac caaatgacct acaaaacctc taccttccag taccatcatt 180  
ccgagctgat tactgttaac attttaattg tttttgtccg ctaggctctc ttgatgagtt 240  
tcacctgagg aaaaggactc cttcaggtgt gtgaacttga gccaccagg ccaaccccat 300  
tggcaggtgc tggtagacac gactgaaatc agaggaagat cagaaatctt caaaacc 357

<210> 28983  
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<212> DNA  
<213> Homo sapiens

<400> 28983  
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ggatccagag tcataaagg gttattggaa ctatggttgt aaatgcagaa ggtattccca 180  
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<210> 28984  
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<213> Homo sapiens

<400> 28984  
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atgccactgt ttcc 134

<210> 28985  
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<212> DNA  
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tttccctttc catactttat tctctggaaa tgagtcactg agttcagccc atatgggttt 180  
tttctgaacc ctccccact gcccc 206

<210> 28986  
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 <212> DNA  
 <213> Homo sapiens

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<210> 28987  
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<400> 28987  
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 aacagtatgt gtagcaggct tacaagaaat acttgaggcc gggcgcggtg gtcacgcct 180  
 gtaatcccag cactttggga dgccgaggcg ggcggatcac smngtcagga gatcgagacc 240  
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<210> 28988  
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 <212> DNA  
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<400> 28988  
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 actaacttga aatgtgacta aataactgat ccaaactggg cattaagtgg caggattatg 180  
 agaaaggata aaaaaagaga tttgagaaaa cacatttctt gaattttcag aaaaaaatct 240  
 agactattgc tttgacactt agaaattctg aggttttcaa ttggaattga gcattctctgt 300  
 atgtggggat gtgggscctt atcaagggat aaaaatccaa acactctaac atgcctcctt 360  
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<210> 28989  
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 agctagtgtg tggctgtggg tttttatctc acctccctg cctgacctg agcccttgtg 180  
 gggagtatac tcacctacc 199

<210> 28990  
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 <212> DNA  
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cttctcccac	ctcagcctgc	tgagtagctt	ggactacagg	catgcaccac	cccaa	175

&lt;210&gt; 28991

&lt;211&gt; 133

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 28991

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tggtcctgaa	gatgatgctg	ccattacctt	ggtaattaag	ttaatTTTTt	aaaagctttt	120
gttagccatc	ccc					133

&lt;210&gt; 28992

&lt;211&gt; 379

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 28992

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gttaccact	caaaatccct	agcacctgac	atgatgccca	acagaagcta	gatgttctgg	180
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tcaagaccag	cctggccaac	ctggtgaaac	hhgtctctac	taaaaaatac	aaaaattagb	360
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&lt;210&gt; 28993

&lt;211&gt; 307

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 28993

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atcccagctg	accctggtga	ctgcctggcc	ttgatgttgg	ctgcagcctt	ctgatagaac	240
cacatggatt	ccaccacag	ctggccaggc	ttgttacatg	ggtcagggaa	tacaavkggc	300
ccccga						307

&lt;210&gt; 28994

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 28994

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gggcagtagg	acgggtccgg	gaactaagcc	ccatctcaaa	cacgtcggag	tggttttctt	120
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tgactagggg	gggcctcc					198

&lt;210&gt; 28995

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<213> Homo sapiens

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ctaatttctc ttactcacc taacacttta tattcatcat aagtgattag gaaacaacaa 180  
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ac 122

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<212> DNA  
<213> Homo sapiens

<400> 28998  
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ttagatgaac tctttcaacc aatt 144

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<212> DNA  
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<400> 28999  
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caagtagtct ataccactat aggatgacta tagttaacaa tatatagttt caaatagcta 180  
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cagtgtgtgt ttccccctca tgggtctcat cattcagctc ccacttaaca agtgaaaaca 240  
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<212> DNA  
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<210> 29003  
<211> 90  
<212> DNA  
<213> Homo sapiens

<400> 29003  
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<210> 29005  
<211> 115

<212> DNA  
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<400> 29005  
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<210> 29006  
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akaatatcma tgaaatatgg taagagcaag gccaaaggaa gggttttctt actgggtggt 180  
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cccaatgcta tccctcccc ctacccccac gc 212

<210> 29008  
<211> 365  
<212> DNA  
<213> Homo sapiens

<400> 29008  
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aawaggagat actgcaataa aatgattagg ctgtaaaatt tggagacaca atttttcatt 180  
acaatgcaat ttgcatgtgc acatgtgcgc acataacttt atatgttagt tcttttttcc 240  
aaactcccaa ctcttaaaag tattgtagtc tgttggtgcc tcaactgttg gtaacttttt 300  
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<211> 241  
<212> DNA  
<213> Homo sapiens

<400> 29009  
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aattcaggcc	ctaaatatat	ctgctagttt	cttgccctcaa	tgatttgtct	aatactgtca	180
gtaagggtgtt	gaagtcttcc	actattattg	tgtgggttagc	taagtctctt	cataggtctc	240
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<210> 29010  
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tcttctcaat	tattttaaag	aatccagtat	gttgggttact	ttagaatata	cactgagatt	180
gtcagctagc	aaatatccat	agcctgcatt	taactacggg	aaaaatagat	aaaaacatta	240
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 <212> DNA  
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<400> 29011						
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ggactacagg	catgcaccac	cacacctggc	taatttttaa	attttttata	cagacagggt	240
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gccaccg						307

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<400> 29012						
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tttccccatc	cg					132

<210> 29013  
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 <212> DNA  
 <213> Homo sapiens

<400> 29013						
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agcaagactg	tggtcactgm	aagctgggam	acaaacctac	tgagctctat	gghtgcccc	180
atttattatc	tggaggtagt	yytcaggctg	cagakyaggg	atssggaagt	caaacagagc	240
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<210> 29014

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<211> 394  
 <212> DNA  
 <213> Homo sapiens

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 ttccagtctg ggaaacacag caagacccca cttccaaaaa aacaaagtta tatcaaagta 180  
 cttaaaaagt actaataaca atgacccgct cactgacatg aaattgattt ttaaccctdc 240  
 tcttgtcaca gattcatcta agaagagtat aggaaaaata gtcacactga aataggaatt 300  
 gatttcttta attcaatcat agaagcattt gaaaataaaa tgtatccaga aaaacacatg 360  
 gcatgatgaa tttagcataa atgctgaagt gcta 394

<210> 29015  
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 <212> DNA  
 <213> Homo sapiens

<400> 29015  
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 ctctctgccc ac 132

<210> 29016  
 <211> 95  
 <212> DNA  
 <213> Homo sapiens

<400> 29016  
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 acacaggaag gggatcatca cacaccgggg gcytt 95

<210> 29017  
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 <212> DNA  
 <213> Homo sapiens

<400> 29017  
 taaaatcagt ggagaaagtt aacttactca caaaatggta ttgtgatatc tnnccagctg 60  
 tttgggttg aatcttagct tattcattgt gtttwaatat attatggctt gattaagcta 120  
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 <211> 412

<212> DNA  
<213> Homo sapiens

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tagatgtttg acttgtcacc ttgggttggt gtgccttgct ctcttaccct gaactacctg 180  
tatcacctca tctctcctac atcttagcca cactaaacct ctcaaaactc tttgtacctt 240  
tctaagagca agtaagtgt ctgctttgca tggcttgagg acagtgacag taccttattc 300  
ttttttgtgt tctaccttcc acttttttta gataccactt ttcatagata tcttattttt 360  
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<211> 105  
<212> DNA  
<213> Homo sapiens

<400> 29020  
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agggatattt agcatgagat gaggcactct cagacctgtg ggcac 105

<210> 29021  
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<212> DNA  
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gtgatattgc aaaaacdntc tacattaacc actgcaaaaag agcgatgtaa atttggctca 180  
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tcagtttctc ctagatcatg tcaaacattc aaagactgat ttttat 287

<210> 29022  
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<212> DNA  
<213> Homo sapiens

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ggtatgaatt aaaaatatca gaagctgtag ttgtataaat cactttttaa actgcatttg 180  
gcttatctga tgtttacctg tctaaaaagt gagaagacta attgactttg cttgatgttt 240  
accaggaatg 250

<210> 29023  
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<212> DNA  
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ttgcagaatt ttagattgtg ataaaggcca 150

<210> 29024  
<211> 206  
<212> DNA  
<213> Homo sapiens

<400> 29024  
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gatgcctgcc atgttttttag agaggcggtc tggttgtgga agcctctgga aaccttctct 180  
tgctcttccc cccaccccc cgaccc 206

<210> 29025  
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<212> DNA  
<213> Homo sapiens

<400> 29025  
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gtctcttttc agtctaattt acaaggcccc ggcaacc 157

<210> 29026  
<211> 173  
<212> DNA  
<213> Homo sapiens

<400> 29026  
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agtttgctct ctttaagtat agaatgtttc ctcttaaaca aattgcccac cgc 173

<210> 29027  
<211> 55  
<212> DNA  
<213> Homo sapiens

<400> 29027  
ccttaaataa cccagtcct tgccttttct tacacatgar atgtctgatg ggatt 55

<210> 29028  
<211> 104  
<212> DNA  
<213> Homo sapiens

<400> 29028  
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cgaggagattc ccagctccct tctcgtgctt ggattcgcgc acac 104

<210> 29029  
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<212> DNA  
<213> Homo sapiens

&lt;400&gt; 29029

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aaagtccggt crgagatcca aaaatctgsa atacagaggt tatttgtaac ccggcgtctc    120
caggctggtg agcaagctga ggagarmaag arrgatgggg aacggcaccs                170

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&lt;210&gt; 29030

&lt;211&gt; 124

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29030

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aaataatttt ttcttcttat tgtgaaacaa caatcatagc tataataaga taatgatggt    60
tcattctttt ctctcaggac ttttaatttt ggaagtgaat aaaacttggt ttagaagacg    120
agaw                                     124

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&lt;210&gt; 29031

&lt;211&gt; 214

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29031

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tctgagttca aactagtgcc tgtgttggtta cggaaagcag cagtgtacca gtgtcactct    60
ggagtacagc gggagaaaaca caaaatagta taactgagaa cattaacatt cagacacact    120
cccttctgmm ttccggctta aagctgtgga tgatccacgt ttttgttttt ttaatgttaa    180
atgtgtaact cagtattact gaaaaggtac ccac                                214

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&lt;210&gt; 29032

&lt;211&gt; 162

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29032

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tggttccaca tctttgcaat tgtgagttgt gctgctccag atatcatctt taactccttt    60
gccttctcca catacatttc caagtctgtg tcattctacc tccaaaatgt atcttgatc    120
cattcatctc tctccatctt caatctattt caatgcccc aac                                162

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&lt;210&gt; 29033

&lt;211&gt; 194

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29033

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ttgttgctga aatcttttac ttccttggtt aaatttattt ctaagtacat tttttagtcw    60
attctaaaag gaattgctty ctwaatttct kgtttcagcw agtttactay caatatatag    120
aaatgctack gatctttata tgkdgattta tatcctgcaa ctttattaat tkcatgtatc    180
acccaagaa gctg                                     194

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&lt;210&gt; 29034

&lt;211&gt; 274

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29034

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cctgttttct gtatattggt gtgtcatttc ttggcttttt aatattttga ctacaatgcc    60

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ctaattgcgaa	gaagtatgga	catataaata	ttacaagaga	aattagttaa	tagtaaaggg	120
ttaaaaggta	agtaaaatgt	ccatgaaaat	aaaattttct	ttgaacagtt	taaaaatgga	180
atcacaaaaa	tctaactgca	cttgaaatga	aactggaaat	tttatactaa	ttaaatcctt	240
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<210> 29035

<211> 202

<212> DNA

<213> Homo sapiens

<400> 29035

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gaaagatttc	atfffgccat	gttatatffa	ctgtffrntc	tgtgtactag	tacatatcct	120
taaattacca	aaaaacaaga	aacaaaacat	aaaaacccca	aaactatcac	ttggaattag	180
caatatcacc	caactggcac	cc				202

<210> 29036

<211> 144

<212> DNA

<213> Homo sapiens

<400> 29036

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<210> 29037

<211> 215

<212> DNA

<213> Homo sapiens

<400> 29037

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ttgatggatc	acccccagga	ggggaaaatg	gtggcaatgc	cttttatata	ttatgttttt	180
actgaaatta	actgaaaaaa	tatgaaacca	aaaga			215

<210> 29038

<211> 166

<212> DNA

<213> Homo sapiens

<400> 29038

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tcaaccccgg	aaacttttct	ttgcaggagg	agaagasaag	gggtgcnagc	gccccactt	120
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<210> 29039

<211> 203

<212> DNA

<213> Homo sapiens

<400> 29039

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------------	------------	-------------	------------	------------	------------	----

attaaatagc aagatttttag ccttaataat gtcattaatt tcaaaagagt agaaatctaa 120  
ccagtcatat tttctaggca actaaaatga caatataaat taagagtaat attgtaatca 180  
acaagtaaca tctagccaca aca 203

<210> 29040  
<211> 294  
<212> DNA  
<213> Homo sapiens

<400> 29040  
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ctgtccccgg tcgccccac gttgcaataa catcagcctg tcagggtgtt tgtaattcag 180  
gtagcaaatt gatttttggg agcacctctg gtctgttctg taaagtaact ttatttttgr 240  
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<210> 29041  
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<212> DNA  
<213> Homo sapiens

<400> 29041  
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tggacgagaa ccaccac 137

<210> 29042  
<211> 106  
<212> DNA  
<213> Homo sapiens

<400> 29042  
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<210> 29043  
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<212> DNA  
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<400> 29043  
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acaacaccca acatgaatcc cgccatcaat tatcaaccgc agtcaagttc ttctgttcca 120  
tgtcagcgta caacatcctc tgccatc 147

<210> 29044  
<211> 155  
<212> DNA  
<213> Homo sapiens

<400> 29044  
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tttatactat tttcatttta agcctcagcc tcccc 155

<210> 29045  
 <211> 78  
 <212> DNA  
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 gaaaattcac agaattgtt 78

<210> 29046  
 <211> 104  
 <212> DNA  
 <213> Homo sapiens

<400> 29046  
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<210> 29047  
 <211> 273  
 <212> DNA  
 <213> Homo sapiens

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 tgataatctt tttatatattt cttttctttt aataatgtca acttttagtt tagattcggg 120  
 gggcacacgt gtagatttgt tacatgggta tatcgtgtga tgctgtgggt tgggggtacag 180  
 tagtgagcat agtaccctgt agttcatttt gcaacccttg ccccccacttc cctctttcct 240  
 ctaggagcca ccagtgtcta ttgttcccc ccc 273

<210> 29048  
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 <212> DNA  
 <213> Homo sapiens

<400> 29048  
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 aatagacatt ctattttaac taaaacatat aaatgtacat ttactcactt ctatttttagt 120  
 agaacaatta aagcttttct ttaagcaaag gtccacc 157

<210> 29049  
 <211> 271  
 <212> DNA  
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<400> 29049  
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 gccagchstn ctgagctcag gtacaccctt gttcagtcgt tgaccaagtc cttctgggtt 180  
 ccaaagcccc ctctctcccc tgtctgcaact tctgttttggg taccactcc aggccccaag 240  
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<210> 29050

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caagtgtttt	cttcacaagg	cagcaggaga	gagakagaag	ggggagctgc	cagacacttt	120
taaaaccatc	agctctcatg	agaactccct	cactgtcatg	agaacagcat	ggaggaagcc	180
gccctcatga	tccaatcacc	tcccaccagg	tccctccctg	ggggttacaa	tttgagatga	240
gatttgggta	gggacataga	gccaaaccat	atcatggcct	cttacagraa	acaattgcga	300
acctctgtcc	tagatccaca	ttttcgtttt	cactacatrc	cagttcctag	tatgataata	360
aacataataa	attgttaata	aatattctca				390

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cctggc                                          126
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<400> 29052
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ttcctgttga ggggcaccac atacaatagt gtgaagtagg tatgaggggc agtc          114
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cgacctcttg caatggccct tccgcctcca ccaggagact ctgcccgttg gtagtaaaag    120
aaccaattag actgggaaaa aaagaagcaa cgccccaggt ttcaccccca ct          172
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<400> 29054
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ggttcaagcg attctcctgc ccct                                     84
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8549

<213> Homo sapiens

<400> 29055

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attcctctta	ctggagacaa	ttaggcatta	agtatgtaaa	tattaaatta	ccttttaaatt	180
taatttgtca	gtaacagaat	aaacgcagac	tcaatcttgg	ttggcttatt	ttctttcttt	240
aatcaaaaa	tgtttcctgt	atgttggahg	cacagataca	gawrgcaaag	aatttcagaa	300
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<210> 29056

<211> 425

<212> DNA

<213> Homo sapiens

<400> 29056

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gatcagtttt	gttcctcaat	atTTTTTTTT	gcaaatatct	accgaagttt	tttcaaattt	180
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aattttattag	aagtttttaa	gtgacagcat	ttctaattat	tcaagtgcac	ttatttttca	360
tgaaaaaagg	tagaatgatt	tgttctgakm	aaaagtaaat	agtgttgatg	cattagaaat	420
tgtgt						425

<210> 29057

<211> 186

<212> DNA

<213> Homo sapiens

<400> 29057

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atgacaggcc	gggcatgggtg	gctcacacct	gtaatcccc	agcacttttg	gaggcggagg	180
cagaac						186

<210> 29058

<211> 320

<212> DNA

<213> Homo sapiens

<400> 29058

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accacgtcgg	gccacctaaa	acctgtattt	taaaacactc	ccccagtggg	gtcgcacaga	180
cagcacttaa	tcttcccagc	aatgatgtat	ggcagtatgt	gccagttgtt	gccaattata	240
gaagctcgct	gagccttgga	tgctgctaac	gtcgcacatg	gcacaggaca	actgccctgt	300
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<210> 29059

<211> 314

<212> DNA

<213> Homo sapiens

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 gacctttcta ttttctaaac agtgggttaca ttaatttgta cccagcatcc ttactgattt 180  
 attatttata acaagttttt cagttgaytc tcttaggctt tgcaggtata ctctcatatc 240  
 atttacaat aatggtaatt ttaccttctc ctttcagct tttaacctct tttcttcctt 300  
 ccctgtttta ttgc 314

<210> 29060  
 <211> 139  
 <212> DNA  
 <213> Homo sapiens

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 taaatttggg gagggggcc 139

<210> 29061  
 <211> 98  
 <212> DNA  
 <213> Homo sapiens

<400> 29061  
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 taaaacttta ttaaaataat ttagacacct gtgtacca 98

<210> 29062  
 <211> 233  
 <212> DNA  
 <213> Homo sapiens

<400> 29062  
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 cccagctctc atagagagtg gcaaggcatc aactgtcaca actccaaaga tgccaaaagt 180  
 agacaagatt cagtggatca gagcaagaca gatttttatt cacagcacag cgg 233

<210> 29063  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 29063  
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 tccagagttt aattaatgag agttaatagg caagattacc ttagttcttt tttttaatct 180  
 tttttaacaa aagcatggcc ttgctatcac agtttaaaac tgtacaattt aaaactttct 240  
 taacaaatct catcttagag ttcnttgaaa aggcagtcac atctgcattc tttctatgga 300  
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<210> 29064  
 <211> 191  
 <212> DNA

<213> Homo sapiens

<400> 29064

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aagaaacatc	tctttgaaga	aagcaaagaa	gcctcccctg	ccaccctccc	ggacagactc	180
cctccgcagc	t					191

<210> 29065

<211> 202

<212> DNA

<213> Homo sapiens

<400> 29065

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ctgcaccctc	aacctcctgg	gctcgggtga	tcctcctgcc	tcagcctcct	gagtagctgg	120
aaccacamvn	atgcgccacc	atgccttgct	agttttttaa	atgtttgtag	agaaaaagtc	180
taaccatgtt	gccagggcgc	cc				202

<210> 29066

<211> 190

<212> DNA

<213> Homo sapiens

<400> 29066

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atgctgaaag	tttgaggtgc	ttgtatataa	tcggataaac	aaaactgac	aacccaatgt	120
gattttanng	cccccaaaga	agcttctgtt	ttgggtctga	tcctcttgat	ggagaaactg	180
cagcagcagt						190

<210> 29067

<211> 208

<212> DNA

<213> Homo sapiens

<400> 29067

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tacttgatac	taagactttt	tgtaacacac	taataaatta	agtcagtgtc	gtattaccac	120
agaaacagac	aaatagacca	atggatcaga	atagggaacc	cagatacaga	tacatgatta	180
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<210> 29068

<211> 223

<212> DNA

<213> Homo sapiens

<400> 29068

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cgacatgcta	accggaatcc	ctaggccgcc	tgtctcctac	ccatacttag	aggccccgct	180
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<210> 29069

<211> 341

<212> DNA  
<213> Homo sapiens

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tbatctgcnn nbaagctgaa ckatggacaa aatccttgca aagaggtctg atgccaatgc 180  
magtbacttr agagcagctc gagctggaca ccttgaaaag gcctcgacta cataaaaaat 240  
ggagttgaca tcaacatttg caatcagaat gggttgaacg ctctccacct tgcttccaaa 300  
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tcc 123

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<212> DNA  
<213> Homo sapiens

<400> 29071  
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cgc 123

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<212> DNA  
<213> Homo sapiens

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tgacgaggag cttttcaaat gggatatgcct gagaagtaat tgaattaaaa gtcaagacgg 180  
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<211> 218  
<212> DNA  
<213> Homo sapiens

<400> 29073  
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gagaaatgag ctttatttta agcttcagct aacatttaag agcttgccat gtgttaggga 180  
ttgtgccaga cactcccatg catattgtct cagggcag 218

<210> 29074  
 <211> 73  
 <212> DNA  
 <213> Homo sapiens

<400> 29074  
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 acacaacata cga 73

<210> 29075  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 29075  
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 tttgggagag aaaccatata tttgttcctt ggggacttgg tacctcattt gctgaatgaa 180  
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<210> 29076  
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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

<400> 29077  
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 tttttcccta agtgatcaac atcaaatttt tagaattaaa atacatttaa ctcagggaat 180  
 ttgtactact tggaaacact taactgtaat gcaacatgcc ttgggaatgt tatagtgtga 240  
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 aatatagctc agaatgaagt ggtagttcct gtgattcata atacatatgt aggttttgca 360  
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<210> 29078  
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 <213> Homo sapiens

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 ctaaagtgtg agattttcag tgtaggattc atgtttgttt atccaccttc ttgcttggtc 180

cttttgatct gtaacctaga ctgttcaa	atctcacctttg aatcaatcaa gtagattatg	240
gaaacacaaa aggaaaggag gagagagatt	ggaatgaaaa accaacaact gacgaatttg	300
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<210> 29079  
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tgaagactaa caaaataaat aagttccttg	tattcataga tttaattatc tcactatgac	180
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<210> 29080  
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 <212> DNA  
 <213> Homo sapiens

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acttttctgg agcataaatc ttttagaagg	atctcattca ctgattacca aagctatgct	120
atccatggct gcctggagaa taatccaacc	ttggaaagat cgattgcttt atttaatgga	180
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<210> 29081  
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 <212> DNA  
 <213> Homo sapiens

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tacactatgc taataccgat gaaaatagca	ttcaaggccg ggcgcggtgg ctcacgcctg	180
taatcccagc actttgggag gccgagacgg	gcgcatcacg aggtcaggag atcgagacta	240
tcctgggtaa cacggtgaaa ccccatctct	attaaaaata caaaa	285

<210> 29082  
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 <212> DNA  
 <213> Homo sapiens

<400> 29082		
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cattattgat ttcaagatgt agtattaaaag	gaaaccacag aatcaaaaata cccacttctg	120
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<210> 29083  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

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 tgttgctgta accagattaa tatctaccca tgtttccaac tgttttcttt ctgttcattg 120  
 cattgggttat tgggttcttt tctccctctt tttctgcctt cgtcagtttt gagtacttta 180  
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 tgccctcagt tttacagtat acgtmntcaa ctaacctagg ttcttaagac aacactatac 300  
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<210> 29084  
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<210> 29085  
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 <212> DNA  
 <213> Homo sapiens

<400> 29085  
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 ggatttgacc aatccttacc cccactataa agagaacca t 101

<210> 29086  
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 <212> DNA  
 <213> Homo sapiens

<400> 29086  
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 attttctttt aaaaacaaag aacattgrgc aacacaaagg agaaaaacat tttatttatt 120  
 tcaacttccc tagagatcgt aattatgatt ttcgcaaggc aatttggtca gttctgttac 180  
 tttatccaga ggaag 195

<210> 29087  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens

<400> 29087  
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 aagacaccag caccagagca tacacagtca tggctgcagc catgtgcagt catggtggct 180  
 tcttcagctt caggttggga cattcaggga cattcaagca ctaagaacag gacacgatac 240  
 aaagtctcca tgttggtgac agcaagag 268

<210> 29088  
 <211> 230  
 <212> DNA  
 <213> Homo sapiens

<400> 29088  
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 aatggacagg gaggcttttag ktataagcct ggacagtttag cctacttttag tttgagaatg 120  
 caaattatatt gtggaaagaa gtcagtagga atattttgata aaaggaaaac aaaactgatt 180  
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 gttctgagga cactggtggc tgtgctatgt gtggccatcc tccatgtccc gtccctgtag 240  
 ctgctctgtt tagacagcgg acagacgctc acgcccaggg gatgtcctca cgctgtcgcc 300  
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<210> 29090  
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<400> 29090  
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<210> 29091  
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 caacncat 368

<210> 29092  
 <211> 172  
 <212> DNA  
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 actcaggact tggtttgctt tcttctaagt gggttcaccc agaaaatgca gttaatgctg 120  
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<210> 29093

<211> 227  
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<400> 29093  
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 ttttggttag ttagtttagca gaactgactg actcctacct ggtgggtggt tcttttggtt 180  
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<210> 29094  
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 <213> Homo sapiens

<400> 29094  
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 gttactaaac acatctaaaa agtttagaaa gtctgccaac tgtcaatcag caaataattg 180  
 atcagt 81

<210> 29095  
 <211> 81  
 <212> DNA  
 <213> Homo sapiens

<400> 29095  
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 ctgggggaag ccaccccagc c 81

<210> 29096  
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 <212> DNA  
 <213> Homo sapiens

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 actgaaa 67

<210> 29097  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

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 acatacatat ataagcatat atgtgtgtgt gtgtgtgtat atatatatat atgcatgctg 300  
 tgaaacttga ctacacaaca taaatcactt tttaaattcc aggaacgggt agtctgacac 360  
 ggtgattayc cttttgaggc tgaatccggt atta 394

<210> 29098

<211> 63  
<212> DNA  
<213> Homo sapiens

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<210> 29099  
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agccattttt cactcccaac 140

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<212> DNA  
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cttataggta ttaaaaatag cacttttagg aaactgatta ttgtaaatgt ttaattttgt 180  
ctcaaatata gttggctg 198

<210> 29102  
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<213> Homo sapiens

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<210> 29103  
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<212> DNA

<213> Homo sapiens

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<211> 150

<212> DNA

<213> Homo sapiens

<400> 29104

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taaaaggctc	aagactagag	gtggggccac				150

<210> 29105

<211> 123

<212> DNA

<213> Homo sapiens

<400> 29105

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cca						123

<210> 29106

<211> 138

<212> DNA

<213> Homo sapiens

<400> 29106

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aaaccagggt	tagcgctgc	tcatataaag	ctctcctaac	tcgtcttccg	gtgggaattt	120
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<210> 29107

<211> 346

<212> DNA

<213> Homo sapiens

<400> 29107

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aaaaataagt	gaactaatct	gtttaactat	atttaattta	gcgtttctca	gatttttctg	300
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<210> 29108

<211> 278

<212> DNA

<213> Homo sapiens

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gagtgttcta atgacctagg ccagtgaca gggttcctta aatttccttg aaccaatgtc 180  
attctctgtc aaagtttgtc tgcctaagaa cctcctactt acctgcactc cgtgggtgcac 240  
tttcttcatt tccccctcagc cttattccccc cgccccct 278

<210> 29109  
<211> 190  
<212> DNA  
<213> Homo sapiens

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atgtacagta tcttatgtaa atttgaaaaa tgtttgccat ggcgcatctt gtaaacattc 120  
ccgtattctt ttccttaatg cttatttgca tgaaggtaac ttgggttttg cttgtttgta 180  
ttggacaacc 190

<210> 29110  
<211> 177  
<212> DNA  
<213> Homo sapiens

<400> 29110  
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ttgcccttac gcattattgg tgagtgtggg tgcttgaact ggaatagtgg cagtggga 177

<210> 29111  
<211> 141  
<212> DNA  
<213> Homo sapiens

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ctcagtcctat tccccatgcc a 141

<210> 29112  
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<212> DNA  
<213> Homo sapiens

<400> 29112  
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ccagakgagg gtaktggcgg cggcgaactt tgcccgttag tttttactga ctggggtrct 180  
ggegcegcc tttttctcgg cnnnaatcca gtattggga tagtcttgac ttctacctca 240  
gcccaacttc tgtggtcgta atattagttt agcttgggtt tgccgtgaag taagaagact 300  
gacttccgca aacgtactga acgactgggt gtaggtgccg gggcatggac gtgaaagctg 360  
gaaccgcgra atgagttagt tgtgggccgc tggcctcaag gagc 404

<210> 29113

<211> 299  
<212> DNA  
<213> Homo sapiens

<400> 29113  
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cagtacattg ttttcttttag caagatgcaa tatttgaaat gaggattgat ctagaggcca 180  
aaacctttga cctctttttt ccataggtca taaacgtgac ctgcagcagg cataccaaga 240  
cactgccctt gcccaggcac aacctccagt tatttggtcc aacaggtgaa tgccagaaa 299

<210> 29114  
<211> 216  
<212> DNA  
<213> Homo sapiens

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actactgtgg ctttggggtg tcctcattgt ttttcaaatt aataccttgt cattgtttca 180  
gcagggtgta agaaatgtka ctagcatccc aggggc 216

<210> 29115  
<211> 243  
<212> DNA  
<213> Homo sapiens

<400> 29115  
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tttgccccct ttgtaatccc tccctcacac ccctcaccat cccagtaac tgctgatctg 180  
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cat 243

<210> 29116  
<211> 170  
<212> DNA  
<213> Homo sapiens

<400> 29116  
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<210> 29117  
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<212> DNA  
<213> Homo sapiens

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tttaaattgga cctctcccca ttcgaagcac acgga 95

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<211> 131  
 <212> DNA  
 <213> Homo sapiens

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 actttaaaact tgaaagattc gtgtgaggat ccagcaatgt tttgtgaagc attgtaagaa 180  
 ttggagagat agctgggctc acttcagaag accctcat 218

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 <212> DNA  
 <213> Homo sapiens

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 aaattataga ttggattccg aagacgtgtc atcatctcaa cagttttttg ggaaacacac 120  
 agttcttctg acgttaccat tgggtccccga ctgc 154

<210> 29121  
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 <212> DNA  
 <213> Homo sapiens

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 ctctgttag taaattaaag catttataat atttcatmat tatcattcag tctgttgaaa 180  
 cccattaaaa cattatatcc tacataatgc tcatttctct ggactatagt taacttattt 240  
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<210> 29122  
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 <212> DNA  
 <213> Homo sapiens

<400> 29122  
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<210> 29123  
 <211> 126  
 <212> DNA

<213> Homo sapiens

<400> 29123

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ggattaaagt taactaaaaa actcataaac tttaggagtg gdtattgrga aattgdaggg	120
tggcct	126

<210> 29124

<211> 211

<212> DNA

<213> Homo sapiens

<400> 29124

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gtacattctg ttcaggtgat aactgagcct caatcaagca gaaacttttt gcttgraatt	180
aaaaaaaaat ttctattagt gaaatttctt t	211

<210> 29125

<211> 123

<212> DNA

<213> Homo sapiens

<400> 29125

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aggaagaaag aggctagtaa atcctggata ctttgctcct acaccaatat tcccagctgt	120
acc	123

<210> 29126

<211> 191

<212> DNA

<213> Homo sapiens

<400> 29126

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gcctcagcag gatacatgtg caggacatga agatttgta cwtagggtgc actgttttgc	120
ttggnccaat catgattggt gacttcagct attggctcgg agcactggct gtctgactcc	180
atctgcaggg c	191

<210> 29127

<211> 101

<212> DNA

<213> Homo sapiens

<400> 29127

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<210> 29128

<211> 386

<212> DNA

<213> Homo sapiens

<400> 29128

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agccagggga	ggtggggact	gaagcccatt	ctcccagcgc	aagccacttt	gagcaccact	180
gcgtatgaca	ctgtgatggc	agcctcatca	ttagtgttgt	tgggtgttgt	gctgttgact	240
gtctaagcag	ggctgccatc	caacttctcg	tttctccttt	ggggccccag	ggtgtgtgtg	300
caggtccagc	aaatccttts	ttacagtggg	gtggtgccac	gtggaaccga	ctgtgcagca	360
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<210> 29129

<211> 173

<212> DNA

<213> Homo sapiens

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caaggccaaa	ctgaagttgc	tggcgtctat	cttcacagag	aaccaggagg	cga	173

<210> 29130

<211> 253

<212> DNA

<213> Homo sapiens

<400> 29130

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aaaccttggt	tctactaaaa	atacaaaaat	tagccggtgt	ggtctcatgt	gcctgtaatc	180
ccagctactg	gggaggctga	agcacaagaa	tcatttgaac	ccgggatgtg	gaggttgtag	240
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<210> 29131

<211> 237

<212> DNA

<213> Homo sapiens

<400> 29131

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gaaatgtgag	aatcattaat	gccaagtwa	aagagaggat	ggcaagaggg	ttattagcag	120
tttcatgatg	ttgagagttc	acaaactatg	ttcattgtat	ttaacaagaa	gaaattatct	180
tgggtgagagt	aattgtagta	gagtaattta	ggtaaaatca	agtttccagg	ggccttt	237

<210> 29132

<211> 326

<212> DNA

<213> Homo sapiens

<400> 29132

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catgttgga	ctctaggagt	agtccttgac	ccttcctgtc	tctaccacta	ctcatctaatt	180
caacactgct	gtgtcagggg	tcataagtg	ccacatttcc	tgaacaatag	ttttgtttca	240
ccaaggcagt	gcccgcagc	ttttgtatt	tattgctaac	ctccaaatgt	actgaatagt	300
tactgtatat	gatgtaatgg	gagtca				326

<210> 29133  
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<212> DNA  
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gaagcacaat cagttgacca aactaagagc agtgccctca ggaaagaata aaatgaatag 180  
ttaattttat caacatcatt taccagga ac 212

<210> 29134  
<211> 162  
<212> DNA  
<213> Homo sapiens

<400> 29134  
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ttaattcagt tttttaaaaa aacaaatgta ttgtggcttc ct 162

<210> 29135  
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<212> DNA  
<213> Homo sapiens

<400> 29135  
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ccttgagcac agttctttcc ccaggccaaa gatgggtttg tgaagaagct gctcccctac 120  
aagtctca 128

<210> 29136  
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<212> DNA  
<213> Homo sapiens

<400> 29136  
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cttttccttt cttttccttt tttggaaata ggggtctnac tcctctgtca ccaggctgg 120  
agtgcagtgg tgcgatcaga gctcactgca gcctgatcag gctcaagcaa tcctctccct 180  
gctcagcctc ctgagtagct ggaactatag gcttgactg ccatgccag cttttttcta 240  
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agtgatcctc c 311

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<212> DNA  
<213> Homo sapiens

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tttgattgga cagacttttc ccagtttagag ccctttaagg aagaaaacgg tgggagggcc 180  
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ctgaggtcag gaattggaaa actagcctgg ccaacatggc gaaaccccgt ctctaccaa 300  
aatacaaaaa t 311.

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<211> 71  
<212> DNA  
<213> Homo sapiens

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gggatgcatt c 71

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<212> DNA  
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aacctacgct aaattcactt tcaacataag aatcagtatg aaccagtgat accctggtaa 180  
atgtctaaca acaggctc 198

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<211> 134  
<212> DNA  
<213> Homo sapiens

<400> 29140  
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atacccttgg cacc 134

<210> 29141  
<211> 136  
<212> DNA  
<213> Homo sapiens

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atggtgggtc cgtaagcgta taatggagct atccctatat aggtatacca tttttatctt 120  
tttttttttt tttttt 136

<210> 29142  
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<212> DNA  
<213> Homo sapiens

<400> 29142  
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<210> 29143

<211> 216  
<212> DNA  
<213> Homo sapiens

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ctgataaggt tatgaaggta tcccagaaga aaaacatctg agctgagtct taaaaatgca 180  
agagaatatt cccagatgaa gaaaggggag caggcc 216

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<212> DNA  
<213> Homo sapiens

<400> 29144  
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cagcctgtgt tcaatgaaca ttcggtaaag gaacacggaa tgtcaagcgc attagagaca 180  
accttgagac acattcctct tgcggaacat cagtcctgaa tcctcagacc gct 233

<210> 29145  
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<212> DNA  
<213> Homo sapiens

<400> 29145  
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tccgagtggc cggcaggcca tgtgctgtct tgtttttaac acatcagctc ttgccggaag 180  
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aaggagtcaa tctaaattcg atgagcgcgt mgggctccaa ggcaggcgct gtcagcccgg 300  
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ttcctgcccg tctctcca 378

<210> 29146  
<211> 79  
<212> DNA  
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ctttgggaga ccgaggcag 79

<210> 29147  
<211> 150  
<212> DNA  
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<400> 29147  
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<210> 29148  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

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 agatgaacct cttcttcctt taaagagaga ctttaaggtaa agagaatttg ctcttaaagc 180  
 ctttttataa aagtcataat actttttgct acaatcattt caggcttttt ttgttttaat 240  
 taaaggatgt ttgctgttaa ataaaattaa ggtaaaaaat gttaggtata gaagtctaata 300  
 gttgaaaatt gtacaaaaag cc 322

<210> 29149  
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 <212> DNA  
 <213> Homo sapiens

<400> 29149  
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<210> 29150  
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 <212> DNA  
 <213> Homo sapiens

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 gtttgaaaaa ggctcctgta accctcctcc aggatgaacc acctgccaga agacatggag 120  
 aacgctctca ccgggagcca gagctcccat gcttctctgc gcaatatcca ttccatcaac 180  
 cccaaca 187

<210> 29151  
 <211> 117  
 <212> DNA  
 <213> Homo sapiens

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 ttcaaagttt actttataat tgggtttatc ttatttattg aggaaatatg gtgcggt 117

<210> 29152  
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 <212> DNA  
 <213> Homo sapiens

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 ggagattctt aggtgacact aagactcgtt aagtatcttt gtcgtagatt gacttttagt 180  
 cttctaagca aggcctttatc agaatcctag gaattccatt atacatttag cagtgcacaaa 240  
 agtaagctgt gttgggagca aggaaaatga gggaccaggg agaagggcct gaaacagcct 300  
 aaggggaaata ggttgaggag ggcagtagtc tgctgttatt tgcaccctgg gcttgcggtc 360

004220 " 566E7560

cttctgaggt tgtttaaaat caatattcct ggctgggcac tgtggctcac gcctgtaatc 420  
ccagcacttt gggaggctga tgcaggtgtt cagc 454

<210> 29153  
<211> 129  
<212> DNA  
<213> Homo sapiens

<400> 29153  
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attgcctcca aagtaaaatc cccawtyckg gktggcttct ttgaatgcag tactgctcct 120  
aacaccccc 129

<210> 29154  
<211> 83  
<212> DNA  
<213> Homo sapiens

<400> 29154  
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cctcccatat aataagcaga cat 83

<210> 29155  
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<212> DNA  
<213> Homo sapiens

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aaaagtagaa agattcaaaa atgcccattc catttttttc tcttcagact tgggtgttagt 180  
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<210> 29156  
<211> 170  
<212> DNA  
<213> Homo sapiens

<400> 29156  
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tgagcaatct atccagacac ctgaagacyt ggaatgggga agggaggacc cagcctttgg 120  
atgcctatca gaggatgaga tattaaggtc ctctttggaa atgtgctggt 170

<210> 29157  
<211> 218  
<212> DNA  
<213> Homo sapiens

<400> 29157  
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ccacacaaat agtaggtgtt ttgtgtgtgt gtttgtttgt ttgttTTTg tttcgagatg 120

gagtttcgct cttgttgccc aggctggagt gcaatgggtgc aatctcggct caccataacc 180  
tccacctcct gggttcaagt gattcttctg cctcagca 218

<210> 29158  
<211> 182  
<212> DNA  
<213> Homo sapiens

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tgttttatga cgttcatagc tttcttttcc caaatataag ttagaagtaa aacttcttcc 120  
tttcccacta ttactgtgac atgagctcag ctatagaaaa gcagaagaat tacaggcaaa 180  
tt 182

<210> 29159  
<211> 117  
<212> DNA  
<213> Homo sapiens

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aggagcagcc ttactgttc tgatattcca tctattcatc ccatactctgr agccttc 117

<210> 29160  
<211> 341  
<212> DNA  
<213> Homo sapiens

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aagttccttg atgtggaata gtgcaacctg tatatgggtt attataatag gaaagacatt 180  
tgtacttgca cagtttaaat cattcttaaa ttttgaacat gtgaattgtc ccaaaaaatc 240  
tttaattttt tggtaatttt tactctttt gtgcacatgt tgatttctta atggtaaadc 300  
cttcatttaa agatagtgtt ctctgttgag aatatttaca t 341

<210> 29161  
<211> 212  
<212> DNA  
<213> Homo sapiens

<400> 29161  
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tatcttatta atatttttaa tgtctcttga agcactcaaa tgtgtttgat tcagttgaat 180  
aaaaggattt ctttttctct ttttctagaa ca 212

<210> 29162  
<211> 268  
<212> DNA  
<213> Homo sapiens

<400> 29162  
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ccccagcttc	tgtcaccatt	cttgccctcar	ccstcaattc	ccattcttgc	ttcagcccta	120
gcatcaactt	cagctccaac	gccagcccca	gcagcctctt	ccccagctgc	cccagtcac	180
acagcaccaa	ctatcccagc	ctcagcccca	actgcctcag	tcccacttgc	ccctgcctca	240
gcttcagcnc	cagcccccagc	ccccccca				268

<210> 29163  
 <211> 171  
 <212> DNA  
 <213> Homo sapiens

<400> 29163						
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tggccagatg	gcctgatagg	atgatgstgt	wamcatctca	ctttaaggaa	acaagggctg	120
aagtcaacct	cgggagagtg	ggaatgaacc	cgagagacgt	tctgaaaaaa	c	171

<210> 29164  
 <211> 189  
 <212> DNA  
 <213> Homo sapiens

<400> 29164						
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atataatatac	tcacacacat	atagcatwaa	aatactcagc	agggctagtt	attccgattt	120
cttgacacat	tatttagctt	tttgtaagtt	caacatgtaa	attttaaaga	cataaatata	180
gagagacgg						189

<210> 29165  
 <211> 220  
 <212> DNA  
 <213> Homo sapiens

<400> 29165						
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gccgagtgcg	tgccggactg	ggcgatagct	ccgccaggca	ggattttggt	tgtttcacct	180
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<210> 29166  
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tatctgatat	aagtgcattg	atagcctaaa	tatatctcta	tattgaaaga	tataatctac	180
cactcactta	ccagtttgat	ttaaaaaata	actattcatg	tcagctatat	aaatttttta	240
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 <213> Homo sapiens

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 tcacgcctgt aatcccagca ctttgggarg scatggcggg tggaacattt gagggcatga 120  
 gttcgagacc agcctggnca acatggtgaa accctgtcta 160

<210> 29168  
 <211> 349  
 <212> DNA  
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 gggttacgaa gggagcgaga gggaacttca tcggraaatg cctttaaact tttctcacac 120  
 gcacaagctg cgggtgttgaa tgggtgtgtct tagaccggg tgcctagtgt ggctcgggtgc 180  
 cttacaatga atttggggaa agagtgtgtca aacgaaaccc atgtttctaa tgaccagcag 240  
 tgggtccacat gtgccaggag atgtgggaat ggctaccctt gaagtcatat ggagaaatgg 300  
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 <212> DNA  
 <213> Homo sapiens

<400> 29169  
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 cagtgtcagg tagtaggaga tgggtattca tgggcatctt tgtggtttta gtagtaggta 180  
 gaaagtcctg actcttttag tgtaagttca gatttccttg atttcaaatac atttgaaac 240  
 atacttcagc actcctccta accgcac 267

<210> 29170  
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 <212> DNA  
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<400> 29170  
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 tcccgaagtg ctgggattac aggcattgagc caccacacct ggcccccttt ttatacttt 120  
 ttacaagtaa tctgacact 139

<210> 29171  
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 <212> DNA  
 <213> Homo sapiens

<400> 29171  
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 ccccaaaagg ccaaactggg gaactctagg ccgtggtcca ggagacggag ggaacat 118

<210> 29172  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 29172  
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 gttaaatcag tgcttcgacy cabtcttata tgttctgttc aaaactatth gttcaaagaa 120  
 ccngttagtg ttgtttacag ggttacagtt tctctcacat gctttcctca cccccggc 178

<210> 29173  
 <211> 314  
 <212> DNA  
 <213> Homo sapiens

<400> 29173  
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 ggatcttggt agccagctgg agtcagttct aggaaccac tgttcccatc ccacagataa 120  
 accaggatgc atcacttagg aattgcggtc ttgtctttcc ctgtatctcc aatgcccagt 180  
 ttggcccata caggaaatat ggaaacttta taagtatttg ttgattagag aataagtaaa 240  
 caattgaatg ataatgacta atcaaaactg gagtgaagra tgggraatac tgtctcagcc 300  
 grattaagaa gggtc 314

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 <211> 170  
 <212> DNA  
 <213> Homo sapiens

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 attcccacat ggtctgcnc tccctcatctc cgtgactgaa cagcctctcc 170

<210> 29175  
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 <212> DNA  
 <213> Homo sapiens

<400> 29175  
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 gcagcagact ttaaaaaata aaaaaacccta ggcatgttga tgttgcaaaa tgctgtataa 120  
 agctgaaacc tgttcattca gtgccattgt agttgacatg aaggt 165

<210> 29176  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 29176  
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 aaagctctgc tctgttttgg ttttgaaagt ttaagctttt ctgcttctgt gagagcacag 120  
 gcttctgtcc cttttgatcc caactgaact tttgtgttct ctaatgatac caacacgg 178

<210> 29177  
 <211> 154  
 <212> DNA  
 <213> Homo sapiens

<400> 29177

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actcttttta ttttttagag ccatccatcc tgaattttat aaatgatttt ttatttataaa	120
atttgagatt tttaaaattt ttcacagcac agat	154

<210> 29178  
 <211> 183  
 <212> DNA  
 <213> Homo sapiens

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gaagttttaa tgcttggttg gaaaacttta tttaacagtt tagaaggctt gatagaaaga	60
gtgcattagt ctgaagagta tacattggat aggaaagaat ttccttcttt tgtttctcca	120
aatctttccg ccttatttag cttgagatct ttgcagcttg gttcatggat tctagccttg	180
ccc	183

<210> 29179  
 <211> 145  
 <212> DNA  
 <213> Homo sapiens

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agattgtttt atctatgtct gtgaagaaag tcattagtat tttgataggg attgcattgn	120
atctgtagat tactttgggt agtcg	145

<210> 29180  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 29180	
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aaagttgtgt gatgaatcct tccccttgac tcttggtggc gtgtctgtat gagaccatcc	120
aaagactaca ttttaaacct tgagccaatg gtcggcccg cactcctcc aagtggccct	180
gctgctggcc ccaaggaatc agaaaaaggc cttgtataaa acaggctggc tgactggtga	240
tgggagggtg atagaggcat gttctagtgc cttcagctct tccccaggg tgtaaattct	300
ctcctaggcc tgacagttgg atctagaatt tctctcctgc aaaatgggtt tatttcagaa	360
ctatgtgctg ttctacaaca atgaat	386

<210> 29181  
 <211> 412  
 <212> DNA  
 <213> Homo sapiens

<400> 29181	
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atgtccgcac tttgggaggc tgaggcagaa ggatcdnktg aggccaggag tttcagacca	120
gcctgggcaa cataatgaga ccctgtccct acaaaaaatt aaaagaaaaa tagccagggtg	180
tgttggtccc agctatttgd naggctgaag caggagaatc atttgaggcc aggagctcga	240
ggttgacagt agctataatc akgccactgc cctccarcct gggcgataga atgagaccct	300
cccagacagat agatagatag atagatagat agatagatag atagatagaa tgagascctg	360
ccaatagata gatagataga tagatagata gatagataga tagaaagaat ga	412

<210> 29182

<211> 314  
<212> DNA  
<213> Homo sapiens

<400> 29182  
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cattttttaa cagtacacta ggtgggtttg atacagatcc aaggactcka atttagagga 120  
acactaggtt agagggtttct cagacctgca aacacctaag cacctgggcc aaacaaagct 180  
acaacgaaga tctgtatgaa gatatatagt tctgcagaat ttaaaaagag cacaatttaa 240  
gtcttcggcc ctcagaagtt aaattcata tccatctaag scmamyttgg atttcawtaa 300  
gtagaatgan gctc 314

<210> 29183  
<211> 197  
<212> DNA  
<213> Homo sapiens

<400> 29183  
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gttttcatag ttacaaaaca gctcatgtgg accttcagga taaaagacag gtgaagactg 120  
ccttagagca agcagagysg cagccgggaa gaggactgtt tgatcatgat aatctcatgc 180  
aaagtacata aaggggt 197

<210> 29184  
<211> 218  
<212> DNA  
<213> Homo sapiens

<400> 29184  
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taattattaa aattagcatg tgtctgcgcc atcctgtggg tgtggcgag agaggagtgt 120  
aaactctagc ggggctagag caaacattgg attagcggca gcagcctgcc agcctgcccg 180  
aggagtgtct ggaccagcgc gctgcacgcc gactggct 218

<210> 29185  
<211> 100  
<212> DNA  
<213> Homo sapiens

<400> 29185  
ttttttttga gacagagwet tgctccatca cccatgctag agtgcagtgg agtgatctcg 60  
gctcactgca acttccgcct tctgggttca agctattctc 100

<210> 29186  
<211> 292  
<212> DNA  
<213> Homo sapiens

<400> 29186  
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atgagtataa ttttatcaat atgtaaaat atgaggcatt gattctcaca ataattctat 120  
gtgctaggta cttaaagcat ccccattttc caaatgtagg aaacaggcat aaagaagtta 180  
aatacttggc cagattactc ctgtaatccc agcactttgg gaggccaaagg caggcagatg 240  
gcttgagctc aggagtgttg aaccagcctg gtcaacattg tgaadcccca tt 292

<210> 29187  
 <211> 174  
 <212> DNA  
 <213> Homo sapiens

<400> 29187  
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 cttggttctg acattctgga ctgcaaaaaca gttcctacta ggatcctggg gatacatgaa 120  
 gcttctgtga accaactttt caagaaaaag caatggagat tggatggatg cact 174

<210> 29188  
 <211> 187  
 <212> DNA  
 <213> Homo sapiens

<400> 29188  
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 gtaagttgaa aaggttttta acattttatt tttgttttcg tctgtgatta attacagcat 120  
 tgatgtaaat atgtttcaat tttgaaataa taattttgta gaaaagaatt gtcattaaca 180  
 caaaggc 187

<210> 29189  
 <211> 138  
 <212> DNA  
 <213> Homo sapiens

<400> 29189  
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 tcccggtttt ctgtaaccca gactcatgcc tcgcttttct cggagacaga cataagtaga 120  
 acatcgcdgc agatgctc 138

<210> 29190  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<400> 29190  
 ggtaatcttg ggcactagcg ggcggagttg aagggcgctt ggaccccagc ggcgatctgt 60  
 gtttggttgc gcgctctggg agaatttttg ctttgctcgc cttcctcttt cagaagactc 120  
 gaaatcggcc agcaggtctg cgagatttga aacgcgactg ttactccttg ttttccggtt 180  
 ctggccgcgg gagcctctcg agaagcgtgg aaagaggaga agggcgata cytgtgaccg 240  
 cctctggttg tcttgggctc gcgcctggcg ccgta 275

<210> 29191  
 <211> 257  
 <212> DNA  
 <213> Homo sapiens

<400> 29191  
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 cttcagaaaag ttccgaggac ctgctaaaat cagctactag aatctgctgc cagaggggac 120  
 aaagacgtgc actcaacctt ctaccaggcc actctcaggc tcaccttaaa atcagccctt 180  
 gatcccattt ctgggcaatt tagacagtga aactgacttt gtttacckct tgcagcatat 240

tagaacagac gacccat

257

<210> 29192

<211> 233

<212> DNA

<213> Homo sapiens

<400> 29192

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gtcagtagac	catatagtag	caaggctggg	taaaaggagt	cttgggtgaag	gcaataaaaag	120
gaaatgtttt	tctgctaaag	aaattaaaaag	taatattaaa	acaaactcgg	gtttttgtct	180
tccttttttt	tgttatcacc	atgacctggc	aattgcaaac	aataccagtg	ata	233

<210> 29193

<211> 390

<212> DNA

<213> Homo sapiens

<400> 29193

ctgcaggtaa	caaaagtcaa	agtattttat	cttttcacag	caagaacagt	ccatgttgta	60
tataatacaa	ccaacattat	agaactttta	gggttgtagac	tggttttggg	gcaaatgtgt	120
gctcaagcta	ataagttatt	gtgaaactga	gtttccttta	acttaciaag	ctagttgcca	180
tattttctatt	ttattttaaa	aagtaaacad	gcggctgggc	gtggtggctc	atgcctgtaa	240
tcccagcact	ttgggaggct	gagggtgggc	tatcacctga	ggtagcagt	taaagaccag	300
cctgaccaa	atggagaaac	cccatctcta	ctaaaaatac	aaaactagcc	gggtatgggtg	360
gtacatgcct	gtaatcccag	ctactcagga				390

<210> 29194

<211> 327

<212> DNA

<213> Homo sapiens

<400> 29194

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ggtagacatta	ccaacagctg	taaagtagcc	attccacctt	cagacaacag	ttttgttggt	120
ttgttgattt	ggtttggctc	tgagattaac	tacttctggg	tgtagcattc	acatgttact	180
tccatctctg	tttgacttta	gtagagcact	atatagtaac	tgctcttgct	ctcatgcatg	240
ttatgaataa	ctgctttgcc	aacagacctg	atggcctata	aagataaaat	gtgagaagct	300
tgtagcawca	ctgttctgtc	ctcatac				327

<210> 29195

<211> 105

<212> DNA

<213> Homo sapiens

<400> 29195

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<210> 29196

<211> 243

<212> DNA

<213> Homo sapiens

<400> 29196  
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 ggcttgggga gaacccagaa ttggggacag aagacctggc actaagctat agcacttagc 120  
 acctctgac ttgtttttcc tcgtccgtaa aaggagatta acaaagcttt tctgcccacc 180  
 tcttggggag aagggaataa tttagttggt aaaaaaaaaa cttttgaata ataagcaact 240  
 ccg 243

<210> 29197  
 <211> 252  
 <212> DNA  
 <213> Homo sapiens

<400> 29197  
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 ctgcaggcca aacaagggtgc aggaccagc tttggcccca tgcccctgta ggtccctctg 120  
 ggacagtac cgctgggggc ctggctgctc tgtcattgag ggatgctggg cactgctgcc 180  
 ggggtggccag ggtatggggc atgtgcccag caatgtggct ccttggcccc gctggccagt 240  
 gtccctgagc cc 252

<210> 29198  
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 <212> DNA  
 <213> Homo sapiens

<400> 29198  
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 ccagctggcg casa 74

<210> 29199  
 <211> 234  
 <212> DNA  
 <213> Homo sapiens

<400> 29199  
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 ctatataaac aaacaaacag atagtgggat aatggtttta tctatcacca tattctagaa 120  
 ttgtgcctgg cattcagtaa gcacctaag gattaacaaa tatgtacttg tagatgtctg 180  
 cagaccaagg tgaatttagt gaatatcaaa aacttcttga gtgctccacc gaat 234

<210> 29200  
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 <212> DNA  
 <213> Homo sapiens

<400> 29200  
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 gtccctgagat catcaaaagg ggcccagatc tgcttctggg tccctctggga gggctgcggg 180  
 ttggcacagc tccaggatga gaaggatcaa gatgcctaaa gatgctgggt attgagccca 240  
 gtgttttagt tgaatgtttc ctgtggacca 270

<210> 29201  
 <211> 161  
 <212> DNA

<213> Homo sapiens

<400> 29201

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cgccatgggtg	gtttgctgca	cccatcaact	cgtcacctac	attaggtatt	tctcctaata	120
ctatccctcc	cctagtcccc	cactccctac	aggccccaga	t		161

<210> 29202

<211> 334

<212> DNA

<213> Homo sapiens

<400> 29202

caattgactg	cttcttactt	ttttaggcct	cctgtcaacc	agctcgttgg	agcaagggct	60
cagctgtttc	cttttatgaa	accacaaaac	tgttttggtt	cgtttaaagg	gaaaacaaat	120
caaaagcagt	tttctgaatg	ggttaaaagt	aataaattat	taaaccacaa	gattgaataa	180
catgggtgaa	aaacaatccg	ttacaaagaa	ctcctaccat	aaatctcaac	aaagctagtc	240
aagccaaagc	tagttgatca	catctgttac	tagttagatg	tatatttcag	attacagata	300
aaraaattaa	attgcttttg	aaatttgcag	gcct			334

<210> 29203

<211> 126

<212> DNA

<213> Homo sapiens

<400> 29203

agctgggttc	aaacctggac	tctgccacct	acagctttgc	gaccttgggc	atcttggtta	60
accttgctta	atcctccaca	ccctcatcct	gaaaatcgga	ggaataacag	tatggcagtc	120
ccccct						126

<210> 29204

<211> 351

<212> DNA

<213> Homo sapiens

<400> 29204

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ctccatttct	gtaggttgtc	tgttcactct	gttgatagtt	tcttttgctg	tgcagaagct	120
tcaagaagaa	aggaatccga	ttggttctgt	gtctgtctct	tttggatttc	tcagaattat	180
gtagtcattc	atatagaaa	atgattagga	aaataggaca	agaatagcag	aaatctacat	240
aaaaatgtag	gaaattaaaa	ttagttacca	gcatacaaaa	agcttctgta	tgtdataatt	300
acatactata	actcaccctt	ccttggcaaa	tattctctct	cttttgactt	c	351

<210> 29205

<211> 166

<212> DNA

<213> Homo sapiens

<400> 29205

cagagccagt	gaaggtttct	tttggtaaaa	tgaaattgtg	ccattgtcaa	agtaccccg	60
agtgatgagc	actgactggt	tactggcca	catttttagtt	cttcataata	ataggccaca	120
aaagggtctt	gtggtttg	tccatgtgca	ctggcccctc	cccacc		166

<210> 29206

<211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 29206  
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 ttaagctctt ctctccattt agaaaagtgt tctgccagtt aaaatttggg ctaagctatc 120  
 caataaagcc agggcaaata ttatgtttac ccactttctc taaagtaggt atttcagaag 180  
 agatcagtta atttctaact gtagcatagg ttatgtcat gtagtatctt ttaaaatttg 240  
 agtaagggca tgctttgagc aagtaagttt aagttgactt tcttctggaa ataaaagtaa 300  
 gangtgtctc taaattat ttt attgaacagt attcctaatt actacatttt cctggcttaa 360  
 cttggctgct gaagaaattg a 381

<210> 29207  
 <211> 201  
 <212> DNA  
 <213> Homo sapiens

<400> 29207  
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 ctgcccactt tggcctccca ggggtgctggg attacaggca tgagccaccg tgcccggctt 180  
 tttttgtttg tttgtttgtt t 201

<210> 29208  
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 <212> DNA  
 <213> Homo sapiens

<400> 29208  
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 acccgccacc tgcgttcccg agactttctg gcaccgcacc t 161

<210> 29209  
 <211> 241  
 <212> DNA  
 <213> Homo sapiens

<400> 29209  
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 acacatgggg actatgtgga aaacatcatg gtctggattc aagttacagc attcatggta 120  
 atgctcagaa agataataac atactccaag attccactga aatagtgggt gctat ttttt 180  
 ttttttagaaa atagcttggg actctggkga taatgcaaaa tgggcttgct cttccaaga 240  
 c 241

<210> 29210  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 29210  
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 taagcaatca ggaagacagt aacaaaattt ctgctcttgg taacgtttgc agtgcatttc 120

ataggtgtca	ttaatatcac	aagctgagat	tgaaaagctt	ctggggatat	atgaaaaatt	180
aatgggcatt	agaaaagtaa	aatagcatga	ggttgtgtgt	gtgtgtgtgt	rtgtgtgtgt	240
gtgtgtnaaa	gaatgcatgr	agattgwgag	cagatgccca	aggggtggag	aagagagama	300
crdnatctct	gtggattrga	gaaaggwctg	tdgagggaag	gasgc		345

<210> 29211  
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 <212> DNA  
 <213> Homo sapiens

<400> 29211						
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atatttgata	gctgattgaa	aataaatgaa	atgtgagcgc	ttttcagtgg	aagtaggcca	180
gttgctaaca	ttctcttcta	tctctgaaag	ttaaatttca	ttatttaatt	ggataaaaaat	240
caagagcaat	atgtgtcata	tgggggaatt	tctatataag	gtcactctat	tgggcggcgg	300
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 <212> DNA  
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c						181

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 <212> DNA  
 <213> Homo sapiens

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aacacacaag	attctaaggt	ggctgaagac	gaagtgaagt	ataacagtgc	cgagtgtgtg	120
gtgtgtctct	cggatgtccg	ggacaccttg	attctgccct	gtcgccacct	ctgcctctgt	180
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cacaccagac	ttgggcctac	gtcttggcct	tccagggtcag	cagagtggcc	tgggacttgg	180
atgccttggg	gtcacc					196

<210> 29215  
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 <212> DNA

<213> Homo sapiens

<400> 29215

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gtgttcttac	cacatcctcc	aaaatcataa	taaataaaga	agatagaatg	gggggattgg	180
agaaatgtcg	gtcaaaagaa	acat				204

<210> 29216

<211> 138

<212> DNA

<213> Homo sapiens

<400> 29216

gtaagaatta	tatcaaattc	cttttttagct	tttaatgagc	tatccatatg	gtttcttctc	60
ttttgacca	tttatgtaat	taataacata	artaacattt	actagtaggg	gaacatttgt	120
acatatctgg	gggcgaac					138

<210> 29217

<211> 106

<212> DNA

<213> Homo sapiens

<400> 29217

cacttttaaat	ggtttgtcat	tgtgtttata	aaatctcatt	atattgagag	ttccatgagg	60
aaagaaagaa	gtttcttaaa	ataaattcta	ctcaacaata	agctcc		106

<210> 29218

<211> 170

<212> DNA

<213> Homo sapiens

<400> 29218

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atactaataa	aaaccacag	gcaccaaca	ggctgcttaa	aatggctctgt	taaagacatt	120
ttttggttat	ggaatataag	aaaagttttg	cacatctgta	agggggcgac		170

<210> 29219

<211> 275

<212> DNA

<213> Homo sapiens

<400> 29219

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tgattggcta	ccctgctctc	cagccaatcc	agtgcagct	ctcatccgag	attcactgaa	180
gtgggtccata	tccatctggc	agcatcttct	agttctgtcg	gggtgtcaaa	aggatttgta	240
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<210> 29220

<211> 233

<212> DNA

<213> Homo sapiens

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 tgaaaactgt gtttctacta aaaataattt tttaaaattt aatttaattt aaaaaaggat 180  
 aatgttacgc atcatatgat gctatgctag agttgagttg tgagaccaag ccg 233

<210> 29221  
 <211> 287  
 <212> DNA  
 <213> Homo sapiens

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 tgtgtattta actcccaaaa caggaatcta ttccagtctt ggagggattt gctgagagat 180  
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<210> 29222  
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 <212> DNA  
 <213> Homo sapiens

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 tttcctgtta aatgtctttt ttctttttcc ttttttttga gacaagggtt tgctctgttg 180  
 cacgatcaca gctcactgga gcctcaacct cctgggctca agtgatcctc ccacctcagc 240  
 ccccat 246

<210> 29223  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<400> 29223  
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 aggaggctgg gagcagtggc ttacatttgt aatcccagca ctttgcgggg ctgaggccgg 180  
 aggactgctt gagtccagga gtttgagacc agcctgggca acacagtgag accccatctc 240  
 tacaaaaaat taaaaaattag ttacacgggtg gcttgactgt gcatgactgg agact 295

<210> 29224  
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 <212> DNA  
 <213> Homo sapiens

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 cccagtgtct ccgtgccagg aggaggagcc acttattcca tgctggaggc tggagctggg 180  
 ggcaccgcag ctcaccttgc tgtggttggg ggtggcgatg gagactacag agcaccagag 240  
 cgagagtggc cacggctgaa caatttcaag aagcgagtcg atgtctcacc tccctatctt 300  
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<210> 29225  
<211> 292  
<212> DNA  
<213> Homo sapiens

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ktcattcawg ttgaagtgc tttgcaaggct tcaggaaaca gagttgtgag gagaaagaag 180  
aaaatggctg cccatttcag taccctttca aaggtatctc tgcctaggma cattcttcag 240  
aatgcaact tcttctatctt agaaggtgac ctctgacag cgttcactct ca 292

<210> 29226  
<211> 244  
<212> DNA  
<213> Homo sapiens

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gtaagcactc aataaatatt gactgtgttg actctcatta ctttaatcat tagtatcttt 120  
aaatacactt aataaaagcc tttcttaaca agcatagctg gaggcctttc aggaaacaat 180  
aagatgataa taactaacac ttaccgagca caaatttggtg ttttacacac tctgctaagc 240  
acag 244

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<211> 395  
<212> DNA  
<213> Homo sapiens

<400> 29227  
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ctaatttttg tatttttttg tagggacagg gtttcacat gttgccagg ctggttttga 180  
actcctgacc tcaggtgatc cacctgcctc ggctctgtga agttctggga ttgcaggcat 240  
gagccacctc gcttggaat gttgcacttt ttagccctcc aactckdctc tttgkttgtg 300  
tgtacacata ccaagttgtc agcgcgggch tkccttgccc cagaactgtk tkgcggcagg 360  
tctcacggcc gcgatgtatc tgatcacatg aacac 395

<210> 29228  
<211> 232  
<212> DNA  
<213> Homo sapiens

<400> 29228  
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gaggcggtg gatcacctga ggtcaggagt ttgagaccag cctggccaac atgggtgaac 180  
cccctctcta ctaaaaatac aaaaattagc caagtgtggt ggcgggcgcc tc 232

<210> 29229  
<211> 147  
<212> DNA  
<213> Homo sapiens

<400> 29229  
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aaaattgaga catcttcagt gactacc 147

<210> 29230  
<211> 88  
<212> DNA  
<213> Homo sapiens

<400> 29230  
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tattcctacg tatttggttc attttga 88

<210> 29231  
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<212> DNA  
<213> Homo sapiens

<400> 29231  
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accattgctt atgctgttat atactagagr aatttttgtt tkgcttgctg ttttaacttg 120  
acagatgaag gacgg 135

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<211> 359  
<212> DNA  
<213> Homo sapiens

<400> 29232  
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tttgtcatgg actgttaaaa cgtttgaagt tccaattctg gtcttgattt cccagttaaa 180  
gatgttcttc acccgaatgc agtctttcct gttggtaaaa taagacaacc atcaacattg 240  
cctgtttgtc tgccttttgaa tctcttaagg atggatgttt gtaagatgtt gcdtaatata 300  
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<210> 29233  
<211> 171  
<212> DNA  
<213> Homo sapiens

<400> 29233  
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cctgcaagta tcttaactta gcatgtgtgt ccaatttcca tagtgaagcc aaaaattcaa 120  
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<210> 29234  
<211> 205  
<212> DNA  
<213> Homo sapiens

<400> 29234

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gggatgtgcc tatgcattga tgcctgaaaa atatgtataa agaaatgagg ttgactcttc 180  
tgagcagttc atcttttcca gaggt 205

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<212> DNA  
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ccgccgccat tttgtgtctg tggagaaaga agcttctgtg gcggctggaa gtggacggag 120  
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aa 182

<210> 29236  
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<212> DNA  
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actccatttg gaagagtccc gagagctaata ttgtaaagta tacttgacaga aggtagatga 180  
ggagacagat taaatcttat tacctctttc agatgagagg ctcttgagtm ctgctcagct 240  
atgagaataa gaggggaatt aattctnata gaatacactt gttctcgcag agctgtgtgt 300  
ccccaccaga accaaatgag ctcaagatct gacaaagaaa aaaaaaaagg t 351

<210> 29237  
<211> 195  
<212> DNA  
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atccacccgc ctcggttcc taatcgaaaa ctctgagta gctgggatta cagctgtgca 180  
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<212> DNA  
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<400> 29238  
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gattgtaact agaaaagttt gaaaagtttt ycaaacttca ctttctcttc ataaaatcga 120  
tactgctgc caacagttgt tccttgtgtg tgccaatatc taagtatcac ttgacccac 180  
cg 182

<210> 29239  
<211> 130  
<212> DNA

<213> Homo sapiens

<400> 29239

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agaggagagg						130

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<211> 201

<212> DNA

<213> Homo sapiens

<400> 29240

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catttgcccc	attgttcagc	ccatccacca	cctccttcca	tttgttctca	gaaactaaac	120
taggagaaca	taagcacttg	gttatgtgaa	aatgtactta	tgattcttcc	atgaaaacct	180
aaagtattaa	aaacccaaca	c				201

<210> 29241

<211> 253

<212> DNA

<213> Homo sapiens

<400> 29241

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tccaaaagat	gaaaaacacg	tacatgaatg	cttggttatag	cattatcata	atatccccaa	120
agtggaaaca	acccaaatgt	ccttgaatgg	aagaataggt	agataaaatg	gggtatgtcc	180
atacagtaga	atattattca	gcaataaaaa	ggagtaaagt	atttatacat	gctacagcat	240
ggatgaatct	caa					253

<210> 29242

<211> 213

<212> DNA

<213> Homo sapiens

<400> 29242

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gccatgattg	aagtggtagc	agagctcagc	cggggtcctg	tatttttggc	tggggaggcg	180
ctggagtgtg	tagtgaccgt	caccaacccc	cgt			213

<210> 29243

<211> 243

<212> DNA

<213> Homo sapiens

<400> 29243

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ttttccatgg	ctgtattttc	agagggtgca	cttaatttgg	aatctgctac	aaaacttggt	120
ttttattttac	tgtttgaaa	attctgaaat	taggacactt	actactgctt	gtttatcctg	180
atggtctaca	gctcaaattc	cagccttcta	tatggacaca	agtcatttat	tcaataccca	240
act						243

<210> 29244

<211> 96  
 <212> DNA  
 <213> Homo sapiens

<400> 29244  
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 cattttagc taaacatgct atgcatcaga ctggca 96

<210> 29245  
 <211> 141  
 <212> DNA  
 <213> Homo sapiens

<400> 29245  
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 ttatttttta ggtttatcgg agcttattgc taatgcttat tactactatc aaaatactct 120  
 tttttttccc ctctttcccc c 141

<210> 29246  
 <211> 67  
 <212> DNA  
 <213> Homo sapiens

<400> 29246  
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 atccac 67

<210> 29247  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

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 tcttgccccct gttacatata ctttggttggg tkggaagggg ggacttgatc kgcttattgt 120  
 aattacttta gaagtccagc tattggagct atctccatct tgcaaattgc tagatcttct 180  
 gccccaaagg gaaggagaac gctccagtgc agtgtcacat ttcctacagc tcattgacag 240  
 aacatgtcat atgctcttga cagatcacag ggagggataa ct 282

<210> 29248  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

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 caggtattcc accactggaa gtcctcgcta gacctacatc cctccatgtg tcgccctgac 180  
 ttgctttgcc ccctgaggag tgtgctttat ggtcagcctt tctccttctg ttgattcytc 240  
 cccgggcccc gcagctattg caagcttctc tcatattaaa agtgtagaaa acagcagcac 300  
 tccaacccc ccccaa 316

<210> 29249  
 <211> 180

<212> DNA

<213> Homo sapiens

<400> 29249

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tttaagaggcc	tctatgaccc	ttcagagacc	cctggragct	aggatggcat	tttagagttg	120
cccctgattg	aggcaagagg	gaatggatca	gtgcagctca	acactaacca	ggtgtacccc	180

<210> 29250

<211> 291

<212> DNA

<213> Homo sapiens

<400> 29250

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tgatgatatg	tgttatattt	atnatctttg	atccttcaca	cctttttttc	cctattatct	180
gcctttaagc	tttctgtgtt	gtcgtgtggt	tcgagaaatt	tgattatttt	grctgtatgt	240
aattktctat	gtgttcttgt	gtttggggtt	tgttcattat	tttagatccg	t	291

<210> 29251

<211> 80

<212> DNA

<213> Homo sapiens

<400> 29251

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tttgagaca	gtgaacatct					80

<210> 29252

<211> 221

<212> DNA

<213> Homo sapiens

<400> 29252

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tagtaggaat	ctgtacctct	gacttagcaa	atdaaaatgc	ctttggcaag	ttctctcatt	120
cattaatgga	tatccctgag	ccatttccca	tcccctttca	acctttattt	agagccattg	180
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<210> 29253

<211> 295

<212> DNA

<213> Homo sapiens

<400> 29253

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caataaggtc	tggctgggtg	tggggtgctg	cataggaaag	ggctctctgga	gaagcaagaa	180
gggcacaatc	atggcccaact	gtccccctct	tcttctcagt	gctctttgcc	ctctcvwgct	240
gcgtgcttcc	tcttcactcc	agtgtgtatc	ctcctgctct	ctctggcagc	ttcca	295

<210> 29254

<211> 173

<212> DNA

<213> Homo sapiens

<400> 29254

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tcgagagaca	ttcctaaatg	tccagacaac	tccacagcgc	gcatttctct	ccagcagcgg	120
gaagattcag	agacctcgag	actgaacacc	caaatctcgc	tttccaggac	cac	173

<210> 29255

<211> 268

<212> DNA

<213> Homo sapiens

<400> 29255

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aagctgtggg	taccggggag	cggagcgcnc	gcgngtgtg	ctgggcgcmg	gtggaggggg	120
gaacagcgas	gattagacgc	cgggaagcac	ttccccaaca	tctgcgagag	aatcccatca	180
tcgcgtgcac	atctcatccc	aggagggaga	gaggagctgc	cgagtagaaa	gcagactggc	240
tgcagggaca	gaagacacca	agggcacc				268

<210> 29256

<211> 145

<212> DNA

<213> Homo sapiens

<400> 29256

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cctcaacccc	aacgggggtg	ggttcggcag	ctcggaatc	tataacattg	tggaatcctt	120
cgaggagggtg	gaggacagcc	ttcac				145

<210> 29257

<211> 354

<212> DNA

<213> Homo sapiens

<400> 29257

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tctgggtaga	tggagtataa	acatttgaat	ggaaaaaat	taacctagaa	tatattcatt	120
ttagtcaagt	ctgtgattat	ttatgtgaaa	tgagaacccat	tgtatcagat	gttgataaaa	180
gcaattttta	cttgagatg	tgagcccctg	ggcacaatga	gccgctaaat	gggagctcaa	240
ttgacaggca	tcaccaagtc	ttcaaggagg	actgagttct	caggggagaa	ctgggaatgg	300
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<210> 29258

<211> 357

<212> DNA

<213> Homo sapiens

<400> 29258

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ttatgactta	gtcaaaaatga	aagccaaact	cacctgtgaa	aaatatatac	atTTTtatata	180
ttagtaatct	attattttatt	ttgtcatgct	agccctaata	caattaaggt	tatcaccttc	240
tttctcta	caataccaag	aaactctggt	ctgttattat	ttatcctgaa	actaattttt	300

attctagatt ctacctgtac catatgtctg atttttcatg atcttgtggg ttggttt 357

<210> 29259  
<211> 96  
<212> DNA  
<213> Homo sapiens

<400> 29259  
aaattatgaa gatcccaatt atatttgatg aatatgtgtt aattcagcac taccagtaaa 60  
aatatttctt gtcaaaaatt ttagttacca gaaacg 96

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<211> 121  
<212> DNA  
<213> Homo sapiens

<400> 29260  
caatgtatgt gtgcaaagcc actaagaaca aaaatgtact ttcccaagct aattttccca 60  
tgtgtccaat gaatgtttta aaaggtaaca acttaraaac caataatatt gatttttttt 120  
t 121

<210> 29261  
<211> 193  
<212> DNA  
<213> Homo sapiens

<400> 29261  
taaaaatctt ttatgttcta cccactcctt cctcggtccc tctccccact cctccctccc 60  
cccatcttaa gcccatggca acccctgatc tttttactgt ctccatcggt ttgccttbnc 120  
cagaatgccca tgtagtggga gtcatatagt aagtagcctt ttcagttggc ttctttcact 180  
taccagtgtg ccc 193

<210> 29262  
<211> 206  
<212> DNA  
<213> Homo sapiens

<400> 29262  
aggatcatta aagaacaaaa atgagctctt gttaaattaaa aacatcaaaa tatatatgac 60  
atgtggaacg tatagaaatg ttgacagatt atccccagta ttgggaaaag attgtttaca 120  
gaactttaaa agcacattgc tcatgtcaaa aagtggaaatg aatttggtta tgcagaatt 180  
aaagagttct gtgcattgaa ggggaac 206

<210> 29263  
<211> 186  
<212> DNA  
<213> Homo sapiens

<400> 29263  
tatggcaagg agggagctgt ccttcagcag acaaagtcaa gcagctttta gtacaaggca 60  
gcttgaaacc tctctgatga aagtgaaaaa tgtgggtagc ttatactttc aaactaatgc 120  
cagtgactag agagaggttt cattcatgat gtgtatttcc aatttggtct tcaattcaag 180  
agatgc 186

<210> 29264  
<211> 350  
<212> DNA  
<213> Homo sapiens

<400> 29264  
atagcaaagg ctctcctggg atcgcacaaat gctgcaccgg aaggggaaggc atgaaagcac 60  
ctgggagaga gggagaaagc acaggggggt gtgagtagat agacctgggc tgagcctcag 120  
ccttgatggc actacagctg tgagagaaaag aggggtgacac aggtggacct ccagaacgag 180  
tgaggagccc cctgaacwgc agttgcctcc agagtcaagc agtgcccatg gcacgaatga 240  
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gagatgagaa agggaaaaag aagagaaaaga gagagggagg gaggaaggga 350

<210> 29265  
<211> 274  
<212> DNA  
<213> Homo sapiens

<400> 29265  
agaagtcact atgggtgacgg ggaggtacca ggtatttgag agcaatcgcc accgctttcc 60  
tggaacttga gtaaatacaa tcaagtggca tcttaaattt ttgctggaag tggagtcag 120  
agactaaaga tatctctttt aaaagaacca aagcatatcc ttttaatgct tataaatcct 180  
attggatttt cttaattata gtattgttaa aagtttctct attttatatc ctagttgaag 240  
aatagatttt ttttttcatt ccttttagtg cttc 274

<210> 29266  
<211> 162  
<212> DNA  
<213> Homo sapiens

<400> 29266  
agttctgcag ttggaaaate tgactggggc agcttctgag cgcaggctgg gcctgcacac 60  
actcagcggg ccgagtggcc acctccttca gagctgctca gcacgccctg ggatcgcggg 120  
cggttttcat cggccgggtt gtgaaacgga caagagagag gt 162

<210> 29267  
<211> 148  
<212> DNA  
<213> Homo sapiens

<400> 29267  
atttacgttc ttactactac ggggactggg gtcgtctttg cccacgtccc gacaacttgt 60  
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gttccatcca tccccacaac aacctgcc 148

<210> 29268  
<211> 426  
<212> DNA  
<213> Homo sapiens

<400> 29268  
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tgccagcagg ggcttctttg ctacgttagt ggatgttgct gtccagtcct tggtagggtt 120  
atttctctgc ttacccttct gtgctaaagc agtccgttaa gagggatgga gtgggagagg 180

gcatactgtt aagcagcttt ttgttgctgt tttttgagac ggagtctcac tctgtcaccc 240  
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 ccgaggcggg cggatcacga ggtcatgagt tcaagaccag cctgcccac atggcaaac 360  
 cccgtctcwr gctaaaaata caaaaaatta gccgggcgtg gtggcgggca cctgttccca 420  
 gctact 426

<210> 29269  
 <211> 94  
 <212> DNA  
 <213> Homo sapiens

<400> 29269  
 gaaagatgag aaggagaagg aaaaggaggc ggagaaggag gaggagaagc cggagggtgga 60  
 gaacgacaag gaagacctcc tcaaggagaa gact 94

<210> 29270  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 29270  
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 gtgmwttcag thttttaaaa tttatwaaga cttttttgtg gtttaatatc cattctgtct 120  
 tggagaatgt tccatgtgca tttgagaata atatgtattc tgctgttggg tggcatattc 180  
 agtatgtgtc ttaggtctaa gtgggtttata tagtgttatt taacttctct atttccttat 240  
 tttctgtcca gttctatcca ttattgaaag tggggtankg adagtctcca acattattac 300  
 acatctatkt ttcccttcag t 321

<210> 29271  
 <211> 177  
 <212> DNA  
 <213> Homo sapiens

<400> 29271  
 aagtcgccgg cggcgcccga cggagcaggt aaaatgtgga taatacggcc gggcgcggtg 60  
 gttcatgcct gtaatcccag cactttggga gaccgaggcg ggtggattgc ctgaggtcag 120  
 gagttcgaga ccagtctggc caacatggtg aaaccccgct tctactaaaa aatacaa 177

<210> 29272  
 <211> 308  
 <212> DNA  
 <213> Homo sapiens

<400> 29272  
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 aagacagaag agcaagataa gtctataatt gtctgtcaca agatgaagggt agaggcacat 120  
 tatacaaata cagacctgaa gaagtagata ttgatgccaa gttaagccga ttatgtgaac 180  
 aagataaagt ggtgcatgct ctggaagaga aacttcagca actccacaag gagaaataca 240  
 cgcttgagca agctttgcta tcagccagcc aagagataga aatgcatgca gataaccag 300  
 cagccatc 308

<210> 29273  
 <211> 138  
 <212> DNA

<213> Homo sapiens

<400> 29273

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gatggagttt cactgttg	ccc caggctggg	gtgcaatgg	gtgatcttg	ctcactgcag	120
cctccacctc	ccgagtac				138

<210> 29274

<211> 179

<212> DNA

<213> Homo sapiens

<400> 29274

acccgggagg	cagaggttgc	agtgagccga	gatcgtgcc	ctgcattcca	gcctgggtga	60
gggagctcaa	aacaaaacaa	acaaacaaaa	acaaaaaac	caagtgttaa	cgtttttagga	120
taatgacatt	accccacgtg	ggtacaaaaa	tgatgagcat	gtctcagttc	tgcaggggca	179

<210> 29275

<211> 355

<212> DNA

<213> Homo sapiens

<400> 29275

atttcttcta	gtottagttt	tagctgtgac	ttttctgtgt	aagactcact	tatgcctctt	60
ccaggtcct	gccttctgrc	tactatgggg	cttctcagag	tcaataatct	cccctaacat	120
atttctcctt	ctgtattcca	ctagtcttat	taatggcacc	atgggtcacc	caaccagag	180
tcatcagtgt	atcattctcc	ctcactgccc	ctagccaatt	tgctaaatca	tgatcatccct	240
accagtagca	gatncttatt	ttccaaatgt	caatgcaaca	gtatatctgt	aacacatgtt	300
cttcgagaac	tttgactttt	cctatcaaga	gatggagttt	ttatcavccc	tcctt	355

<210> 29276

<211> 372

<212> DNA

<213> Homo sapiens

<400> 29276

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gcatacattg	agaaataaat	agacatcccc	tgaacggtct	caactttcag	cctaattcag	120
caatgctcct	tctacccttt	gcttctgttg	tgacgccaat	gggtatatca	gtgaaaaaga	180
tgaaaaattc	tttgccatta	tgggtttgtg	cccctcgaga	aatagttcag	aggacccttg	240
aagaaaagaaa	tgaatggaat	ntatcaggct	aatgtgaaaa	tacaatatta	gtgattgtta	300
gaggacagt	ttttgcctgt	aacattttaa	gtgtaatttt	gtgtttgtgt	gtatgctggg	360
agaggrcaaa	at					372

<210> 29277

<211> 179

<212> DNA

<213> Homo sapiens

<400> 29277

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tttgaactga	ttagaatgtt	ccttaaatca	tggtttcgtt	tggtgcagct	gtcagctaac	120
atttggttga	gctcatataa	tccaaaccta	attgtccaac	tattgtattg	ccactagta	179

<210> 29278  
<211> 351  
<212> DNA  
<213> Homo sapiens

<400> 29278  
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gtgagagtta actatatttt tttaatggta ccctgttagt atcaccaagt atttatattt 120  
tccttcacga aggagctgta caagtatttt gcatcctcac catatatttg gaaggcagct 180  
aactgtaaaa gatgccacat tcagccatat ccaattgcc a cctatgaaga gagaaaagga 240  
gaaaattagt tgggtgtcttt cccctttttt tcttccaccc cttctaccca tctcttacat 300  
accctggatt gagggggaac agtaactgat ttagactgac cagttgcctg t 351

<210> 29279  
<211> 229  
<212> DNA  
<213> Homo sapiens

<400> 29279  
gatgttgtgt ttttcatttc aaattccact tgttcattgt tggcataaag gaaaacaatt 60  
gacttttgag gagaagaccc aagatggctg accagacaca gccaggaaga gcatctccca 120  
ctgagagacc agaccatcaa gaagacggac acactctgag catgtctttg gaaggacggc 180  
attgagagtg gacagagggg ggatgtagac cctgggctga aggagtagg 229

<210> 29280  
<211> 195  
<212> DNA  
<213> Homo sapiens

<400> 29280  
cagcctggcc agcatggtga aaccccatct ctgctaaaaa tacaaaaaat tagctgggca 60  
tgggtggcggg cacctgtaat cccagctgct tgggaggctg aggcaggaga attgcttgaa 120  
cccaggaggc ggaggttgca gtgagtggag gtcacgccat cgtactccag cctgggcaac 180  
aagagtgaac ctgcg 195

<210> 29281  
<211> 279  
<212> DNA  
<213> Homo sapiens

<400> 29281  
catatcaaag ggtgagaatc atttagcatg ttgttgaaag gttttttttc agttgttctt 60  
tttagaaaaa aagaaaaaca aaaacaaraa caaaaatcac accattgctc acagaattgg 120  
catctcattt ttgggacctc ccatctttct gttttgaaaa gtgtacagta gtgcagtgtt 180  
cctgatgtaa ctttatggct tacaatgttg acatgtctca gggtcatgtg tttcgattgg 240  
tgttttccgt ctcaggtaga ttgcaaagtg taggcccc 279

<210> 29282  
<211> 204  
<212> DNA  
<213> Homo sapiens

<400> 29282  
tccacaatgg ttgarstaac ttacactccc accaatgatg taaaagcatt cctattttctc 60

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cacatcccct ccaacatctg ttgtttcctg gctttttaat gatcgccatt ctaactggcg      120
tgagatggta dytcattgtg atttttgatt tgcattttctt gaccagtgat gatgagcttt      180
ttttagtatg tttgttgacc gcat                                     204

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<210> 29283
<211> 93
<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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<211> 117
<212> DNA
<213> Homo sapiens
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<211> 146
<212> DNA
<213> Homo sapiens
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<210> 29287
<211> 124
<212> DNA
<213> Homo sapiens
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<210> 29288
<211> 118
<212> DNA
<213> Homo sapiens
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<210> 29289  
 <211> 109  
 <212> DNA  
 <213> Homo sapiens

<400> 29289  
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 ttactatact ttttatcgtt agagtgtata tcttctgctt attaaaaaa 109

<210> 29290  
 <211> 117  
 <212> DNA  
 <213> Homo sapiens

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 ccgcatccct ctagtcttag aagagaagat tattcctttt ttctgtagtc attgagt 117

<210> 29291  
 <211> 50  
 <212> DNA  
 <213> Homo sapiens

<400> 29291  
 cttaaggtaa aaaatkvwaa aggccctctg agtccttcaga ggaggattaa 50

<210> 29292  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 29292  
 gccggtaaagt cgtccagcgg agcgggtgcg agccccgcgg ccgggtgggg tgaggtdrsg 60  
 tgcgcttccg gggaaacgca gctgcgrtcg mtcgggaacc acgcctggca ggtcaggcag 120  
 ggtc 124

<210> 29293  
 <211> 127  
 <212> DNA  
 <213> Homo sapiens

<400> 29293  
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 acagttcccc acagtcaaaa cccaaaagca aggagatgag ttgaaagaca gtttttcttt 120  
 aagtcak 127

<210> 29294  
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 <212> DNA

<213> Homo sapiens

<400> 29294  
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agttttcttc attttacaga tgagaaatta atccccagag ac 102

<210> 29295  
<211> 117  
<212> DNA  
<213> Homo sapiens

<400> 29295  
caaatagata gttagatatt tagaatctgg agctcaggag tcctagagat ccagacttag 60  
tcatcagaat ataattgata ttgaaactg tgggactaca tagctttacc tagggat 117

<210> 29296  
<211> 210  
<212> DNA  
<213> Homo sapiens

<400> 29296  
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gaagctcttt agtttaataca gatcccattt gtktattttg gcttttgttg ccattgcttt 180  
cgggtgtttca gacatgaagt ccttgcccac 210

<210> 29297  
<211> 178  
<212> DNA  
<213> Homo sapiens

<400> 29297  
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ctcaatgtat gttcttaaca cctttgtcaa aaatgacttc agtggagggtg tctgaatttg 120  
tttctgggat ctcttttgtg ttccatttgg ctatatgtct gtttttattc caggacat 178

<210> 29298  
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<212> DNA  
<213> Homo sapiens

<400> 29298  
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gtcaggaata aacagcaccg ggcattccaaa gagtgggtgg gcttaaggat gtaaagggtc 120  
caaccttgac ggggtgggaca gcgactggct ggtgaagtca skkagctctt gctctagtct 180  
ccaccagggt gacaccagcc agtcgtctgg ccattcaggc acttgtttgt cctgctcttg 240  
ctaattgggt tggcatttgg cttgtcacca ggtatttggg atgctcgcag gggg 294

<210> 29299  
<211> 230  
<212> DNA  
<213> Homo sapiens

<400> 29299

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cggtatgttc	ttgctgtggtg	tgtacagaga	ggttgaggtg	ggttttcaag	gwaagcagca	120
acaatttgct	tgtgtagata	statggaagg	actatccaga	agakatgaca	caacagctgc	180
atcttgaaaa	agcagacaat	agttcaccaa	gtggacagag	accaaarrca		230

<210> 29300

<211> 211

<212> DNA

<213> Homo sapiens

<400> 29300

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aaagaggccc	aagcttggac	caatgataat	gactgttggg	gtatgagtca	ctgaggttga	120
ataaacagtt	tgtatctgga	aatctgaggt	ccaacacaat	aaaaaattta	gtctaattac	180
tctgatggaa	atccaaaata	aaagggtac	t			211

<210> 29301

<211> 273

<212> DNA

<213> Homo sapiens

<400> 29301

yhwttcaatg	agtttttctg	cacagtttat	ctaaaacagt	agccagtttg	atgatccacc	60
taagactgtt	aaattattag	gatcatctac	tctaacttga	actaagcaga	atgaacccaa	120
rtttctttrt	tccaaghvag	aactggttcc	agtttatcaa	tcagtctttc	aaaatctatg	180
aattattagg	cacataataa	taattcatag	gtgcaaaacc	tatgaattat	taggtaccct	240
ttaagtataa	ggctatgtac	caggaattat	agg			273

<210> 29302

<211> 110

<212> DNA

<213> Homo sapiens

<400> 29302

cagtathnta	ttatctttga	raatcaagga	gaagtttatg	cractgaaaa	tgtttacaca	60
ctgtgctgca	atctactgtt	tgtgaatgtc	aatgtattaw	caggaaacat		110

<210> 29303

<211> 233

<212> DNA

<213> Homo sapiens

<400> 29303

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ccagagctag	gtgctgtgtc	aggccctgaa	gacacagatg	actcaaccta	rrctttactt	120
tccagagrta	cacagcctga	gaggtgtccc	caaagaaarg	gggacatgag	rrgactgcat	180
gcttgagagc	aggggtgttt	agggcaggtt	tggatttagt	gagcarrctg	ggt	233

<210> 29304

<211> 102

<212> DNA

<213> Homo sapiens

<400> 29304

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gaactctctc ccagtcgccc ttgttggaat ccatccacgc cc 102

<210> 29305  
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<212> DNA  
<213> Homo sapiens

<400> 29305  
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ccaccacgcc cagctgattt ttgtattttt agtagagatg gggttttacc gtgttggtcc 120  
ggctgggtctt gaactcctga cgtcgtgatc tgcttgctt ggcctcccaa agtgctggga 180  
ttagaggcat gagccaccac gcctggcagc t 211

<210> 29306  
<211> 315  
<212> DNA  
<213> Homo sapiens

<400> 29306  
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ccatgagttg tgaaatttaa tgcacaacgc tgatgtggct aacaagttaa ttttaagaat 120  
tgtttagaaa tgctgttgct tcaggttctt aaaatcactc agcactccaa cttctaataca 180  
aatttttggg gacttaacag catttgctctg tgtttgaact ataaaaagca ccggatcttt 240  
tccatctaata tccgcaaaaa ttgatcattt gcaaagtcaa aactatagcc atatccaaat 300  
cttttcccc tcccc 315

<210> 29307  
<211> 222  
<212> DNA  
<213> Homo sapiens

<400> 29307  
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gctgacgagc ttgcctgtcc atccagctga cttggaatta ggcttttcag gatgtccagc 120  
aaagaatcct gtgggaaaaa agagacatct cagaggaaag acaccaccac ctcatcacc 180  
aattttggtg aaaaagacaa gaaagagaga aaaaccccg cc 222

<210> 29308  
<211> 308  
<212> DNA  
<213> Homo sapiens

<400> 29308  
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aattttactt tgcctcata aaagcattag aagtattcag ataaaagcta gattggtgat 120  
watcgaaagw agartccctg gactatcaac atcagtatca mctagagatg tgtaattatg 180  
atcaccaagc taaaaaaagc tagtatacaa gtaaaatgga acttatnngt ataaaactgt 240  
tgagaagtta tttttaaatc aaaattgatt ttgaccattt aacactaact ttaaacacag 300  
agattata 308

<210> 29309  
<211> 86  
<212> DNA

<213> Homo sapiens

<400> 29309

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ttgcaatacc tttatctccc caaaag 86

<210> 29310

<211> 115

<212> DNA

<213> Homo sapiens

<400> 29310

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<210> 29311

<211> 73

<212> DNA

<213> Homo sapiens

<400> 29311

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gacaaggggg cgc 73

<210> 29312

<211> 67

<212> DNA

<213> Homo sapiens

<400> 29312

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cctcccc 67

<210> 29313

<211> 366

<212> DNA

<213> Homo sapiens

<400> 29313

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tttcattgat ccrvtcattc tccgaaagtg ttttgtaaag tatatgtgtg tattttatgt 180  
aatcaattta ctaatgcaga tacacatcag ggaaaacatg aaagactcaa tattaatgtg 240  
tctaattttt aagcataatt tctgccatta tgagtgcac actttttatt aacttgaaat 300  
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<210> 29314

<211> 149

<212> DNA

<213> Homo sapiens

<400> 29314

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ctgcaatttt ctgattggag attgcatttt gacctagtct gtaagttttt ctgtcagaag 120  
aggactttca tcaactttca tggaaagta 149

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<211> 133  
<212> DNA  
<213> Homo sapiens

<400> 29315  
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ctgccacatg aaaaaaactg aaaatggatc aaaaaacagt catcttttcc ttctgaagat 120  
ttcaccatgc aca 133

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<211> 147  
<212> DNA  
<213> Homo sapiens

<400> 29316  
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gtttcagtga gaattaactt tgatcattca ttcttaaatt ctttttttca ctgatggccc 120  
agaataattt gacttgtatg aggacag 147

<210> 29317  
<211> 134  
<212> DNA  
<213> Homo sapiens

<400> 29317  
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agatgcccc cccc 134

<210> 29318  
<211> 302  
<212> DNA  
<213> Homo sapiens

<400> 29318  
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tcctccagtg tcaacagtgg gaacgaaagg atccaagcta gtgtccttga aaaaatatat 120  
ratargcada awracaaaga agcccatggg caaatggcca tttatcaggg tctttaaaag 180  
tcaagatcat tattatttct ttatggagac aaagtataat tatgtaactg cagtaatagt 240  
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ct 302

<210> 29319  
<211> 313  
<212> DNA  
<213> Homo sapiens

<400> 29319  
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gagcagtctt ttggaaagta ttatagatag attactgtag aatttataaa ctcatgttaa 120



atcctghcct	gccggcctgg	catgtcccag	cctggatata	ttagcttcag	caggccttgg	60
actcactgga	ctaggtcttt	tgggacccac	caccttatct	ctgaacactt	caacaacccc	120
aaactcamtc	ttgaatgctc	ttaatagctc	agtcagtcct	ttgcaaagtc	caagttcttg	180
tacacccagc	cccacattat	gggcaccccc	acttgctaata	acttcaagtg	ccamaggtt	239

<210> 29325  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 29325						
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actgcaaaaa	ctctagggac	agggaacaca	ctgccttgag	aggtaatcga	ttgtcccatt	180
agagaacatc	aaaggcagga	aacttctttt	tcaaaattga	gctgatatag	acttctttta	240
taattttcac	acagggtttt	agttttcctc	tccagagcaa	caaaagaaaa	catactcttt	300
tatgtgtaat	gtcaaaaacca	gcaacagccg	tcaagccggc	ccat		344

<210> 29326  
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 <212> DNA  
 <213> Homo sapiens

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ttggctatgt	ctgctcctga	caggagggat	gtgtgttgcc	aggggtgggg	gcttggcgtg	180
tgtrmgtgtg	agaatatgtg	tgtgtgtgtg	tctttatagc	agcatgattt	ataatccttt	240
gtgtatatac	ccagtaatgg	gatggctggg	tcaaatggta	tttctagtgc	tagatccttg	300
aggaatcvmc	acactgtctt	ccacaatggg	tgaactagtt	tacagtccca	cc	352

<210> 29327  
 <211> 167  
 <212> DNA  
 <213> Homo sapiens

<400> 29327						
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ttgagattgg	aattggaaga	gaacttaatt	ttttgtatgt	aaaatgcagt	gtcatgccta	120
taagcatttc	tcctatatag	gactgctttg	ctagtgtgcc	cgcttgc		167

<210> 29328  
 <211> 244  
 <212> DNA  
 <213> Homo sapiens

<400> 29328						
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tttagaaaga	ggccaaataa	cattctaata	actatgtgat	ctagcctggg	attttcaaaa	120
atatactctt	aactttttaa	gtaatgttta	aaagtataat	ttggtataaa	tggaaactag	180
tataccagtt	tgacatagtc	atatcttgat	ttttgtatgt	gttataagtt	ctcttcaggg	240
cgca						244

<210> 29329

<211> 187  
<212> DNA  
<213> Homo sapiens

<400> 29329  
aaggacgcgg ctccagtctg gggcttataa cttgtgtcaa agaagcgaat ttccagctga 60  
tttgatgtt cagtcaccag aagtcacatt tgtgaacttc ctcatggatg aaacattccc 120  
ggagccatct ttcttcttca tctgattttt tttttctttt cttcttcaat tctgccccca 180  
gagggt 187

<210> 29330  
<211> 190  
<212> DNA  
<213> Homo sapiens

<400> 29330  
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acgtgcaggt ttgttacata tgtatacatg cgccatgttg gtgtgctgca tccattaact 120  
ggtcatttac attaggtata tctccgaatg ctatccttsc cccctcccc caccacaaa 180  
caggccccac 190

<210> 29331  
<211> 214  
<212> DNA  
<213> Homo sapiens

<400> 29331  
tatgarccgw wtgaagaatt tttttttaca agactagtgc taaattaaca gcttataaaa 60  
ratttgksta aatttaataa ttagtataag gatatgacct aataaatgtc tccttaccta 120  
aagattcatt tgcwttcttt daatatgagt aggcatactt agtagctttt ctgaacctag 180  
cctatgtctc tgtccccaaa atagctgccc ttaa 214

<210> 29332  
<211> 160  
<212> DNA  
<213> Homo sapiens

<400> 29332  
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ttttcctatt aaracgtctt cctttttttt tcttaagaga aaatggaaca tttagggtta 120  
atgtctttta attttaccac ttaacaacac tacatgacct 160

<210> 29333  
<211> 250  
<212> DNA  
<213> Homo sapiens

<400> 29333  
atttttgggc atccggatgg cgactbcggg aaatcgagtt ctcatgctgg ggcgaaaggt 60  
gtgtctgcag gagccaaatc caaatgagca gtccaggtag ttccagagtt taacctgagc 120  
gaaacaggaa tgtctcgggt cttaacagga ccgtccgccc gctcgggaaga ggcgaatctc 180  
ccacggcaga cgtctgggtg tgcgaatgcc agtdgagcgg ggcctcgagg acgcgtcaca 240  
cacagctakg 250

<210> 29334  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<400> 29334  
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 tgccattact gagggacccc actgggggta aatctatccc tcctagccaa gcacttatgt 120  
 tattataggc tgggaagggg atgtctgccc aggtgacasg gcgaaagaaa ggcgggtcta 180  
 agataagagc cagtagagtg tagcaggtac agtttgacaga caaagcaaga gcataaaaag 240  
 gatcaatacc ctatgtgagt tgcaatgtac aacagagagc atagcaaggm mcaaattatc 300  
 tgaagtaaat ggtgtctgtg tctggagcat rr 332

<210> 29335  
 <211> 249  
 <212> DNA  
 <213> Homo sapiens

<400> 29335  
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 aatacactct tcctgaccaa tgacctgact gaggaagtga tggaggaggt gctgcaaaag 180  
 aaggcagacc tcattctctc ctaccatccg cctatcttcc gacctatgaa gcgcataacc 240  
 tggaacgta 249

<210> 29336  
 <211> 309  
 <212> DNA  
 <213> Homo sapiens

<400> 29336  
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 gattccaggs tcattgaaac ccgaatatgg gtaacttggt ggagataat cttgataaaa 120  
 tatcaagtac aaggctgggc acagtggctc gtgcctgtaa tcccagcatt ttgggaggct 180  
 gargcakgtg gatcatgagg tcaggagttc aagaccagcg tggccagtat gttgacaccc 240  
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 tactcaaga 309

<210> 29337  
 <211> 132  
 <212> DNA  
 <213> Homo sapiens

<400> 29337  
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 acccgcgctc tcacacatac actcacactc gactctttcc tctcccccca cctcctcctc 120  
 cttccacccc ct 132

<210> 29338  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 29338

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tagaatgctt	acgcttaact	tatttgggga	aacaaaactc	cagcccttct	tgtgtatgtt	120
ctgatatccc	tttgctctac	ttttagagga	atgaacccta	ataggatggg	agcagcattc	180
ttgtttcttt	atatctctcc	tctgtgattg	tataccgttt	tttcaactta	aagcaacttc	240
agctggnaat	atgtagaggt	tggccaaggt	gaactaaata	gtctgtaaca	ttgattagat	300
atcaagcaac	t					311

<210> 29339  
 <211> 225  
 <212> DNA  
 <213> Homo sapiens

<400> 29339						
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atatttttaa	attaattatc	agaaggagag	tagaaaaaga	atcaaataga	aatgaaaaga	120
taacgtcaat	acattttcca	aaaccacta	aaggaattaa	accacacatt	caagaagcac	180
taagaatagc	aacattttaa	taaaacacac	acacttcagc	ctgaa		225

<210> 29340  
 <211> 83  
 <212> DNA  
 <213> Homo sapiens

<400> 29340						
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ttttgccagt	cttgtgggca	gat				83

<210> 29341  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 29341						
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aggggcagtt	gaattttgcc	aaaggccttt	tctgcatcta	ttgagatgat	catgtgggtt	120
ttgtcttttg	ttctgtttat	atgctggatt	acgtttattg	atttgcgat	gttgaaccag	180
ccttgtatcc	cagggatgaa	gccacttga	tcatgggtga	taagcttttt	gatgtgctgc	240
tggactccca	cacaataata	atgggagact	ctaacacccc	actgtcaaca	ttggacagat	300
caacgagact	g					311

<210> 29342  
 <211> 190  
 <212> DNA  
 <213> Homo sapiens

<400> 29342						
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acgtgcaggt	ttgttacata	tgtatacatg	cgccatgttg	gtgtgctgca	tccattaact	120
ggtcattttac	attaggtata	tctccgaatg	ctatccttcc	ccccctcccc	cacccacaa	180
caggccccac						190

<210> 29343  
 <211> 155  
 <212> DNA

<213> Homo sapiens

<400> 29343

tattgacagt	gtgtgggaag	gtggagttat	ttgagtagat	ttggcmtctg	ttctcatgga	60
gcttcctttc	tagaggggaa	ggcagatgat	ggatgaataa	atataaatga	ttctaatagg	120
ttggtgcagc	agtcattaaa	agtaatggca	aaaaa			155

<210> 29344

<211> 148

<212> DNA

<213> Homo sapiens

<400> 29344

cgggaagcac	aargggtcag	ggaattccct	ttcctagtca	aagaaasggg	tgacagatgg	60
catctggaag	atcgggtcac	tcccacccta	atactgcgct	tttccaacag	tcttagcraa	120
tagcacacca	ggagattata	tcaccgcc				148

<210> 29345

<211> 323

<212> DNA

<213> Homo sapiens

<400> 29345

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actgctccca	tctgaggtga	cacgtacaaa	atggaatggt	gggatgagc	aaggagcaag	120
agaagggtc	ctggatccat	gtgctcattt	ccttgtagta	tcccttggtc	ctatgtgatg	180
atgcagctca	ggcattgtcc	gctgttttct	cataaggacc	tgtggctact	taggtgtagt	240
ctatgggtcc	ttgaatgcgc	tcactgagat	gcarctggcc	ccatctggcc	ctaaggagagc	300
attatgctgg	cctccccctc	tac				323

<210> 29346

<211> 196

<212> DNA

<213> Homo sapiens

<400> 29346

taagggtgcca	cmattaccaa	tggaagggtg	gcacattaag	atgagcttca	cagtcacact	60
gacattttcc	tcaagggtcat	ttttcasatc	atggcggttg	gggaatagta	tctgagcasm	120
agacaatagt	atcattgact	taagaagaca	gaggttgtaa	cttggggctg	tcaaagttgc	180
taggacatga	aggcct					196

<210> 29347

<211> 102

<212> DNA

<213> Homo sapiens

<400> 29347

cgtgaaatta	acataacgta	gccatttagt	gcattcaaaa	tgttttgcaa	ctgccatcct	60
taactagtct	caaaacattt	tcagcaccct	aaagacaacc	gc		102

<210> 29348

<211> 317

<212> DNA

<213> Homo sapiens

<400> 29348  
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 gctatgggtt ttcatttgta actccatctg cttaggagag tgggctctct ataagggaaac 120  
 ctgctgtaaa cttcattgca gcaassatgt agagagawat aggacttaat tccactaggg 180  
 gctctcatct cacaccttaa ggaggagatt ttagaaaaac tgggccagat tttctttgtt 240  
 ctccatcatt ttaatgtggc aggctgttca gttttcttac tcttacctat gtgatatttc 300  
 ttcgtaacgt gtccaaa 317

<210> 29349  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 29349  
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 cttgaggtga ctaatccaca ggcccagaac agtaagcctt cttgccctgt cactgtaagc 120  
 accagccagc ccctccagcc agccgctgca gctggcctct gtggctctgct cagatgcaag 180  
 gaaaccaggc cagaccatgg tcacttgtaa aatccaytg gtccctggaa agattcccct 240  
 acggctgtcc ctaccatacc cccagcctta gagacagaca gaaggaggc ggtggccaag 300  
 ctgcttgat gagggagcg 319

<210> 29350  
 <211> 204  
 <212> DNA  
 <213> Homo sapiens

<400> 29350  
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 ctctgcctaa ctaggggaaa tgctttctct tgagatgctc actcttgacc agcctataga 120  
 gagatccaca gggaskgaac tgaggcccca gccacagcc ttggttgagc tccagcctgc 180  
 agtcatcccc aacttgccag cctt 204

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 <211> 230  
 <212> DNA  
 <213> Homo sapiens

<400> 29351  
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 ggagagscce tgattggmca atcacatcac agatcacact gcagtttcca tgtagcact 180  
 gtggatgggt ttttaatcaa taaaaactgg gggtttcttc tcaccgacaa 230

<210> 29352  
 <211> 240  
 <212> DNA  
 <213> Homo sapiens

<400> 29352  
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 agccattttt tgtctgaatt tcctccatgt ctacgtgctg cctggcaggg cctatgggag 120  
 agttcatctc aaaagaggtc aacagcaaat gctacagatc tgtgtgggaa atgtggctca 180  
 tcaacattgc taaagctata accctcattc ttagcctgg ctttcccccac ttcccactcc 240

<210> 29353  
 <211> 201  
 <212> DNA  
 <213> Homo sapiens

<400> 29353  
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 taaatgtaat gggactaact cttgatgaaa tttctatatatt caacttgaat ggtaaaatat 120  
 ttgattycta aagtatactg tgaaaagtta tatatgtaat atggtaatcc ctagaccact 180  
 taccaaccag attgaaataa a 201

<210> 29354  
 <211> 129  
 <212> DNA  
 <213> Homo sapiens

<400> 29354  
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 ccatgctggg ctcaaactcc tggcctcaag tgctgagatt acaggtgtga gccacctcac 120  
 ctggcctaa 129

<210> 29355  
 <211> 119  
 <212> DNA  
 <213> Homo sapiens

<400> 29355  
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 gctcgccaag gtggasgtgg ggaagggggc gtgtctgggt ccctaccccg aagacctca 119

<210> 29356  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 29356  
 aacaaccaca gtgaaacat ttctactttg agagaatttc agtattctct taatgttgtg 60  
 taattgatta ggtaactaaa aagcgcaaat tgttggcagg ttttgctgca mattgtwcta 120  
 tgtctttgtt ggctggtgta tttyrtaaac taaagctgcc tatgtttctt tttaaagctc 180  
 gcattcccag aatcagctta ggcttctatg aattcagcct gtttctaaaa gctgaaaatc 240  
 tcagttttaa aatcaaaatg ttaacacaaa gctaagattc atcagagccc accctattct 300  
 aaggaaccac aataacttac tctggctnnn gtgttaamnc gatctttcag atttagagcg 360  
 act 363

<210> 29357  
 <211> 135  
 <212> DNA  
 <213> Homo sapiens

<400> 29357  
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 agtttgagca ttyn 135

<210> 29358  
 <211> 170  
 <212> DNA  
 <213> Homo sapiens

<400> 29358  
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 tttctcatgc tttccttctt ctctacatac tactaaaaaa ccattagttg ttattctgct 120  
 acatataaat ttctcaattt taatgtaaat ataacctttg atgccagccc 170

<210> 29359  
 <211> 75  
 <212> DNA  
 <213> Homo sapiens

<400> 29359  
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 gcctacaccc caaac 75

<210> 29360  
 <211> 195  
 <212> DNA  
 <213> Homo sapiens

<400> 29360  
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 tgcctcagcc ttccaaagtg ctgggattac aggcgtgagc accatgtccg gcctggccct 120  
 actttttaat waactgactc tgaatgtcaa ttccagtagc gackgtacag ctatttgcta 180  
 tgttttccag gggca 195

<210> 29361  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<400> 29361  
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 ggaagtgtcc aagacacctg aggatccaag aatgtttcca aacaaagagc cctagggcat 120  
 ttctctcagg gtattctgaa gacttcatct gctgcattag agcgggtgga agaaactaca 180  
 cagacggggc tcatggccsa gggacctgcc tgatcvtggc tgatctttta atgctctggt 240  
 gcagctgggg agctgcctct tgcttctggg aacctcagc gttgggtdng gtattagatg 300  
 ttagttatga ttgatgtcca cagcttcttt aaagaagtct gggagtagtt aggtgttctc 360  
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<210> 29362  
 <211> 109  
 <212> DNA  
 <213> Homo sapiens

<400> 29362  
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<211> 184  
<212> DNA  
<213> Homo sapiens

<400> 29363  
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agaattgctt gaacctagga ggtagagggt gcagtgaacc aaaattgtgc cactgtactg 120  
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<210> 29364  
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<212> DNA  
<213> Homo sapiens

<400> 29364  
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gtcaggcatt ccaatcctga gaagttatcg agtgcccaga agaaagagag cct 113

<210> 29365  
<211> 68  
<212> DNA  
<213> Homo sapiens

<400> 29365  
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tttttttt 68

<210> 29366  
<211> 110  
<212> DNA  
<213> Homo sapiens

<400> 29366  
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<210> 29367  
<211> 326  
<212> DNA  
<213> Homo sapiens

<400> 29367  
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ttgtaagtya tgtgtattaa attcactttc aacttaggggt attttaaatt tgtttattgg 180  
gtttattggg atgtaaccct atcatagggt aaggagcatc tgtaattcag tgagaggcaa 240  
aagatgatag agtgggtaat ctacgaattt gtttggtcac atctattttg cttcttcttc 300  
aaacattctg ttcattgtag gcacac 326

<210> 29368  
<211> 175  
<212> DNA

<213> Homo sapiens

<400> 29368

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<210> 29369

<211> 205

<212> DNA

<213> Homo sapiens

<400> 29369

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ctttctcagt	gctggacttt	gctcaggccc	attagcaatc	cacaggcagc	cttgtgcatc	180
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<210> 29370

<211> 123

<212> DNA

<213> Homo sapiens

<400> 29370

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caa						123

<210> 29371

<211> 207

<212> DNA

<213> Homo sapiens

<400> 29371

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aaactwagma	caragaggta	atgataacta	gtacatgggt	tgaggattcat	tctggccccc	180
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<210> 29372

<211> 203

<212> DNA

<213> Homo sapiens

<400> 29372

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tgcgctgctg	cactccagcc	tgggcaacag	agagagaccc	tgtctcaaaa	gavaaaaagm	180
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<210> 29373

<211> 207

<212> DNA

<213> Homo sapiens

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 gcccaggctg gragtamcaa gtggcgtgat ctgggctcac tgcaacttcc acctcccagg 180  
 ttcaagggat tctcctgccc caacctc 207

<210> 29374  
 <211> 127  
 <212> DNA  
 <213> Homo sapiens

<400> 29374  
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 actgccttta tccaaactta agaattacag acatttgta ttccttcggc aagacatccc 120  
 cggctgc 127

<210> 29375  
 <211> 253  
 <212> DNA  
 <213> Homo sapiens

<400> 29375  
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 twgggwtttt tttggaattt twaatgraat gtgaaasrtg ccattacaat agatttcaaa 180  
 agcttagtcc tataacacag naaaatattt accttttttt cactatggag gtgagggtat 240  
 ttctgagatg cca 253

<210> 29376  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 29376  
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 ttgagcgagg ccgtggctgt tctgaagcc gtccacggcc kacgcgcccg agggctcgcc 180  
 catcctcatg cccgcgtaca ctgcaacct gcaccacgag ctggagctgg gcgtggtgat 240  
 gggcaagcgc tgccgcgcag tccccnrnag ctgcggccat ggactacgtg ggcggctatg 300  
 cctgtgcctg gatatgaccg cccgggacgt gcaggacgag tgcaagaaga rtggggctgc 360  
 cctggactct ggcgaagagc ttcac 385

<210> 29377  
 <211> 193  
 <212> DNA  
 <213> Homo sapiens

<400> 29377  
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 aatcattttg gtactgcaaa cagctttagt tttatttacc aaagctactt tgggtaacct 120  
 gctaaaagaa ctmaacagga ctcaagaagca gttgtactta atagttattg tttattgtag 180  
 caaaaggsnc cat 193

<210> 29378  
 <211> 116  
 <212> DNA  
 <213> Homo sapiens

<400> 29378  
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<210> 29379  
 <211> 159  
 <212> DNA  
 <213> Homo sapiens

<400> 29379  
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 tgtaaatatc agaaccagc aaggggagct agcagcgcc 159

<210> 29380  
 <211> 160  
 <212> DNA  
 <213> Homo sapiens

<400> 29380  
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 cttgtgtttc agtctcagtc ttatgtgaga cttctgagaa tacttacctg gaattttaaa 120  
 acttgaacc tctgatgact tcataaaaga aaagccctga 160

<210> 29381  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 29381  
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 tgtgcaaatt tagatcaaac atcttttaatg cttggctcgt ggaattttgc agtgtctatg 120  
 tactttgttc tattttgtgt gtttgtgtat ggatgtgtat ttttaattgtw ataaawgacc 180  
 atatccratw agagcaatgt amagaaaatc tgtaagccaw agtrragaaa aatcaraatg 240  
 tctcataatc ttatccctta aaggggtgtca ttatttacct tctggaatat ggtctttaag 300  
 acatttctct ctrgaatatt taadndnata tattcaatat aatgtgatat gcttatcttt 360  
 gggcactctc caaatata 378

<210> 29382  
 <211> 138  
 <212> DNA  
 <213> Homo sapiens

<400> 29382  
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 tattcagggt ccgcatctaa aaattaagat atagtgtatg ctaccttact gaaatatggt 120  
 gatatggtga agcacc 138

<210> 29383

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<211> 291  
 <212> DNA  
 <213> Homo sapiens

<400> 29383  
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 gctatttctg catgacacct tgaaatattg aataagaggg cttgtttaaa tttagtgrra 120  
 ataaataatt gaagtggatt trtgaaaaga gtttataccta atctattctt taadsctgta 180  
 tttttggwat attcattcct taaatgtgat agctcattaa atttccttag atcaccaggg 240  
 tataagtaaa aatcsagtaa atccctattc tactagaaas cagtagtaac a 291

<210> 29384  
 <211> 55  
 <212> DNA  
 <213> Homo sapiens

<400> 29384  
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<210> 29385  
 <211> 99  
 <212> DNA  
 <213> Homo sapiens

<400> 29385  
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 tcctttgtgt gcccaatttt gttctagtca ctggggccc 99

<210> 29386  
 <211> 272  
 <212> DNA  
 <213> Homo sapiens

<400> 29386  
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 ggcctgaaar ggaggaaga gtgagtagtt actggaaatt gttaaggaaa gtccggtgga 180  
 aagggtgacc ttrgagtgat tcaaccaatg aaatacggcc atgcagagag tgacccaagg 240  
 ggatgaatat cccagcctca ttctccttat ct 272

<210> 29387  
 <211> 89  
 <212> DNA  
 <213> Homo sapiens

<400> 29387  
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 ttttttcttc tccccgctc cctgctcag 89

<210> 29388  
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 <212> DNA  
 <213> Homo sapiens

<400> 29388  
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 tccaatacga ttttctgttg caccttgtag tggattctgc atatcatctt tcccamctra 180  
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<210> 29389  
 <211> 118  
 <212> DNA  
 <213> Homo sapiens

<400> 29389  
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<210> 29390  
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 <212> DNA  
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 tgcagtgggtg ca 72

<210> 29391  
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 <212> DNA  
 <213> Homo sapiens

<400> 29391  
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 atttggrtct agatatactt ttgtacgwg c ttctctggaa aagtacagaa tactggattt 180  
 aacagagtaa aacctaaggg ggtcac 206

<210> 29392  
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 <212> DNA  
 <213> Homo sapiens

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 cagagagcca t 71

<210> 29393  
 <211> 79  
 <212> DNA  
 <213> Homo sapiens

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 agcttaaata ccctcttct 79

<210> 29394

<211> 146  
<212> DNA  
<213> Homo sapiens

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tccagacagt accacaggca cctggagtag cgccatcggt cgctgtggcc cccgagtgtc 120  
cgtcasagcc taggggagcc tgcctt 146

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<212> DNA  
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ggtaggttgg cttttctttt tc 82

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<211> 109  
<212> DNA  
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<400> 29396  
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gctgtgatga ggtgtttcag ttgaaatata tgaagaaaat ccagccgca 109

<210> 29397  
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ctgacctcag gtgatccacc caccttgcc tcccaaagt ccaggattac aggcgtgagc 180  
sactgtgcct ggcctggcct aatatttaac agaaggatca tattccaaat aattcaaaaa 240  
gtacacccat cagctaaagg aattntactt gttataggca gtctcttatt cctagcagaa 300  
aacatacgaa aatatttctt gcaagtaatg tgggtgcaca aagccttcag aaacaatttg 360  
aaggaaagat tgacagtaac aagaatttca cttaa 395

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<212> DNA  
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<212> DNA  
<213> Homo sapiens

<400> 29399  
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agaacaggag gtactcacc tggctttcac agggcccaag cccagtggtc ttccaggatc 180  
ctcaccagcc ccaaaggaac ggctctctct tctccctcct ggagatatgc cccctgatcc 240  
c 241

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<212> DNA  
<213> Homo sapiens

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<210> 29401  
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<212> DNA  
<213> Homo sapiens

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cggttaagaat cagtaataat aataagtaat gtgtgaatcc attagaatgt tgagaagtag 120  
acctttgaca tttcagaaaa atgtatatct cagacacagc ca 162

<210> 29402  
<211> 98  
<212> DNA  
<213> Homo sapiens

<400> 29402  
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ttgaagccca caccatagac tgtgcctgac aagccctc 98

<210> 29403  
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<212> DNA  
<213> Homo sapiens

<400> 29403  
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gt 122

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<211> 80  
<212> DNA  
<213> Homo sapiens

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acaatgaaaa ggccacaaga 80

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 <212> DNA  
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 agcatgtatt aatgattctt gcctaaacna gctgtwactc tgacgattgc agaaagacga 180  
 tttccctcat ctctagctct agctttccta accc 214

<210> 29406  
 <211> 225  
 <212> DNA  
 <213> Homo sapiens

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 ggtaaatggg atcgatccta atggggattc ggcagagttt gatttgttgt ttgaaaatgc 180  
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<210> 29407  
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 <212> DNA  
 <213> Homo sapiens

<400> 29407  
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 ccgctgcccc cgctccctga agatggggga acaatgaaat aagcgagaag atccctcttc 120  
 tccccctct ctctcttgcc ccc 143

<210> 29408  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<400> 29408  
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 aaacatcctt gtgcaaaaat ggcaaatggt tgtagataag taatattaac tgvmtatatt 120  
 tatcatgtgc tgggtcttgt gcgaasccat cacgtgtgga accttttcta taatcctcat 180  
 agtgacctgt tgagaagatg tttctatatt ttaaattgagg aadsagcata gagcttgaaa 240  
 gtggtaaaat gggaatttga acggaggacg 270

<210> 29409  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

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 ttttgaaaca gttttgtcac ccaggctgga gtgcagtggc gcgatatcag ctactgcag 180

ccgcctcctc ccaggttcaa gcgattctca tgcctcagcc tcttgagtgg ctgggactac 240  
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<212> DNA  
<213> Homo sapiens

<400> 29410  
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accatgccta gcttttatgt ttttagtaga cacggggata c 101

<210> 29411  
<211> 95  
<212> DNA  
<213> Homo sapiens

<400> 29411  
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gcaggtcaca cctcccgggt tcacgccgtt ctctc 95

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<212> DNA  
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<213> Homo sapiens

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ckgtgtgctg gctgccagga cat 83

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<212> DNA  
<213> Homo sapiens

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<210> 29415  
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<212> DNA  
<213> Homo sapiens

<400> 29415

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<211> 315  
<212> DNA  
<213> Homo sapiens

<400> 29416  
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cgcttgggga tagttgcagt tctcatcagt tctaagtgtt ttgtaaatta aaaagataca 180  
aattctgttg catatcagtw ccatttcttg ttatctactg cataaaaaatg cttgtatatg 240  
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ataaaacaac ccaaa 315

<210> 29417  
<211> 270  
<212> DNA  
<213> Homo sapiens

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ttatcagccc ctagectatg ctgctaattc aacagtttcc ttttgctag ttttgtagaa 180  
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<210> 29418  
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<212> DNA  
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taaaattaga ataaagctta gagawccatc tacctcttct taccaggaaa aaaatcaaga 180  
cctaaaggaa gttgagagta akatacgcaa ctaaattaag tgcaaaaactg aaactagaat 240  
ctaggtcttc catacattc 259

<210> 29419  
<211> 182  
<212> DNA  
<213> Homo sapiens

<400> 29419  
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tttcctctcc ttttcctcat ttattcctaa aggaatctga ccattttacg tctctacggc 180  
cc 182

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<211> 126  
<212> DNA

<213> Homo sapiens

<400> 29420

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<210> 29421

<211> 258

<212> DNA

<213> Homo sapiens

<400> 29421

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aggtgagaga agtgaggcag agagcagttc tgtaacttgc ctgggggttat acagcaagtc	120
agaggcaaag ccagggcctg gatgcaggca ggctgccata gaggccaggc tcgggcaatt	180
ccccttcttt ctctctctgh tcagcccctt gggacctctc ttggcagcct gtgacccagc	240
cgtagccctg cccctgaa	258

<210> 29422

<211> 348

<212> DNA

<213> Homo sapiens

<400> 29422

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agtaaaaaaa ttttttaaat ttttatcttc ataggttttt tgggggaaca ggtggtgtt	120
ggttacaatg agtaaatctt tttgtttttg agacagggtt ttgctctgtc gctcaggctg	180
gagtgcaatg gtgtgctctc ggcttactgc aacctctgcc tcccgggttc aagcgattct	240
cgtgcctcgg cctcccaagt gacttgggat tammggcggg cwtdnwtcat amccggctga	300
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<210> 29423

<211> 243

<212> DNA

<213> Homo sapiens

<400> 29423

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gtagaaccat aaaagaaaca aatgtctagc tgctgtgtaa aggaatgcta attcagcaga	120
gcagacctag cagaagtgat tagcataaaa gaaccagagg actgagatta ggaaaaccag	180
gagaggggag tgtaactgt ctcagggtgct acacatcagt cctttgagat gcggaccaag	240
agc	243

<210> 29424

<211> 224

<212> DNA

<213> Homo sapiens

<400> 29424

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ggtgacctg gacaaattaa cctctctgaa ccttagattt ttcattctatg aaatgggagt	180
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<210> 29425

<211> 166

<212> DNA

<213> Homo sapiens

<400> 29425

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ggtggcagtt tcttataaaa ctaaacaatga tcataccatg caaatcagca gttatgctct	120
taggtattta cccaactaat ttgaaaactt ctgttcacac aagcca	166

<210> 29426

<211> 367

<212> DNA

<213> Homo sapiens

<400> 29426

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ttaaataagg aatactaagt ccaaggcatt tattttgctt gaaggaggct tcatagggtt	180
ctttaaacca gtatgatagt ttggattgac caatgtatat aataggcccg ttctggaaat	240
aatctaggtc actgcacynt aagccaaggg tactaaggaa agaagtgtgg ttgaaaaaaa	300
gaaaatccac aataaacata aatactaagg tcatgtcaat tgctgtctct tcaggcacat	360
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<210> 29427

<211> 179

<212> DNA

<213> Homo sapiens

<400> 29427

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gctctgrrgg rrgccctgag gagcagtgtg accctgggga agaagaggac ccaccagccc	120
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<210> 29428

<211> 133

<212> DNA

<213> Homo sapiens

<400> 29428

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agcgcccatc tctctgtgag aactgagcag acagcagagg ttaaaaaaca ctgtcctggc	120
ccggaagaca cga	133

<210> 29429

<211> 68

<212> DNA

<213> Homo sapiens

<400> 29429

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caatttga	68

<210> 29430  
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<400> 29430  
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 cattctgttc atcaaaagaa gctatttccc ctaactttctc agacttttat atgatttcct 180  
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<210> 29431  
 <211> 309  
 <212> DNA  
 <213> Homo sapiens

<400> 29431  
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 gagagcaaaa ggmagaactt aagcggggcg cacttggagt gtaaattgct ttgtagtatt 180  
 taaaggcaga aatggatcct gggcagccga gctgcaacaa accggcaagg acttcctgtg 240  
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 agccaaagc 309

<210> 29432  
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 <212> DNA  
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<400> 29432  
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 tgttacagat atggatbwtg aagatgacca acaattttgc aaaacaagat tggacactac 180  
 taaagcaact gctctctgaa caggattcaa acttagatgt tacaaattcc gttcctgaag 240  
 acttaagttt agcacagtat ctaatcaatc agacactact tttagcacga gatagctcaa 300  
 aacctcaggg 310

<210> 29433  
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 <212> DNA  
 <213> Homo sapiens

<400> 29433  
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 aacagcaagt ccaccagcgg 80

<210> 29434  
 <211> 279  
 <212> DNA  
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<400> 29434  
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tttgcacatg	tatcgtagga	gatgtaggcc	agaggctctt	cttttatcca	tcctatggcc	180
aacctatgaa	tgtatacacg	tttaatgaga	ttttgccagc	aatcaaagcc	tnsagggaaa	240
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<210> 29435  
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 <212> DNA  
 <213> Homo sapiens

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aaaaccttac	gccacctttt	ggtttgtaaa	aggtttkkta	tacatttcaa	acaggttgca	180
caaaagttaa	aataatgggg	tcg				203

<210> 29436  
 <211> 109  
 <212> DNA  
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<400> 29436						
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<210> 29437  
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 <212> DNA  
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<400> 29437						
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actatccama	gkgttctccc	cttttagtaat	tcatattgaa	tatatccata	ttcatatgca	180
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<210> 29438  
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 <213> Homo sapiens

<400> 29438						
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ttt						123

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tgaaaatatg ggtggcggc

139

<210> 29440

<211> 405

<212> DNA

<213> Homo sapiens

<400> 29440

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cccagcagtg	ggggaggaag	taagtgtttc	cacagtaact	gatgttaagc	tccaggtggt	120
actcattatg	acttcaggga	ggaggagggg	gagggaaaat	aatgtaaata	cttattatgt	180
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tagaggcaca	tctgcctaga	ctggccttaga	atataaaattc	tgggatccct	cttttgcttg	300
gagctgacat	cagtgtgtaa	gagcccaagg	gtggcattct	ttcattcaac	atatatttac	360
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<210> 29441

<211> 236

<212> DNA

<213> Homo sapiens

<400> 29441

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actgagctac	cgaagtgtgc	ccagcactgt	gcacacgctg	atccctccat	ggagcatggt	120
tggraaatte	ccagagcagc	ccctttctct	gaacacaagt	gtgacacaac	tcgctggctg	180
ttagccccc	caagccaaac	gtgacgaagg	caccttcaag	actctaacia	gagcac	236

<210> 29442

<211> 112

<212> DNA

<213> Homo sapiens

<400> 29442

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<210> 29443

<211> 122

<212> DNA

<213> Homo sapiens

<400> 29443

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gc						122

<210> 29444

<211> 123

<212> DNA

<213> Homo sapiens

<400> 29444

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ccc

123

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<212> DNA  
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atawgaaatg ttttagaaat acataatcaa ctttcattta aaagagaagc ttccaaatcc 180  
agtgagggaa gcttcgcggt tgtgtgtagg gattagcagt ttgggggttct gaggccctgg 240  
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<210> 29446  
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<212> DNA  
<213> Homo sapiens

<400> 29446  
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<212> DNA  
<213> Homo sapiens

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ctcgtctctc cagcctctgg ggcgcattcc aaccttccag cctgcgacct gcggagaaaa 120  
aaaattactt attttcttgc cccatacata ccttgaggcg agcaaaaaaa ttaaatttta 180  
accatgaggg aat 193

<210> 29448  
<211> 291  
<212> DNA  
<213> Homo sapiens

<400> 29448  
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aaatgtatgg aatctggtga ttccttacat tcttactgat tctgagtga cagtctctca 180  
ggtagtagtt ttgatggcac ctggaagatg gtctgcggga cacaagagcc tgggaaggag 240  
aagactagta gccagctatg gaatttggtt atgtgactta taatggggcc c 291

<210> 29449  
<211> 77  
<212> DNA  
<213> Homo sapiens

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atttctgtcc ggggcct 77

<210> 29450  
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 <212> DNA  
 <213> Homo sapiens

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 ggccgggctt ggtggcacat gcctgtaatc ccaactgctt ggaaggctga ggcaggagaa 240  
 ttgcatgaac ccgggaggcg gaggttgcgg tgagccgaga tcgtgccatt gactccagcv 300  
 ktgggcaaca agagcgaaac tccgtctcaa aaaaaaa 337

<210> 29451  
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 <212> DNA  
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 kaagatcarr aggccccaac ga 142

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 <212> DNA  
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<210> 29453  
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 <212> DNA  
 <213> Homo sapiens

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 gc 122

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 <212> DNA  
 <213> Homo sapiens

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 ggggtgatca cctgaggttg ggagttcaag accagcctgg gcaacatgat taaaccccat 240  
 ctncactaaa aacac 255

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 <212> DNA  
 <213> Homo sapiens

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 atggtctttc agaggaaag 319

<210> 29457  
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 <212> DNA  
 <213> Homo sapiens

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 aagacaaagt gcatctcaaa cttgagagag gcaacctcat ggggggctgg aaatactcca 240  
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<210> 29458  
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 <212> DNA  
 <213> Homo sapiens

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 aaat 304

<210> 29459  
 <211> 164  
 <212> DNA  
 <213> Homo sapiens

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 cgagtagctg gaattacagg tgcaayaccac tacaccagg ttag 164

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 <212> DNA  
 <213> Homo sapiens

<400> 29460  
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 <212> DNA  
 <213> Homo sapiens

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 tgggagccwt ctgtgtatcc ctcatctccc accagtttcc tgcttgagca tctaccccg 180  
 ggattg 186

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 <212> DNA  
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<210> 29463  
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 <212> DNA  
 <213> Homo sapiens

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 agatttgctt actctagttc cattttattac tctacaatgt tgaaaaaatg atggagggtc 180  
 attttttaca taaccacatg aaattagagc tggacttcaa tttccatata tttttctgtg 240  
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<210> 29464  
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 <212> DNA  
 <213> Homo sapiens

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gcaaatacta	tgctcacttg	cagagttttt	gaaatcgcat	gcatttggtt	gctcaatatt	180
acgatgtatt	atgttacaat	gaagagttta	atgccatctt	taaatgcttg	cttttgcctt	240
gcaccctttt	ttaaaatata	aaagtgctag	attaagcggt	catgccagtt	accacnnttg	300
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&lt;210&gt; 29465

&lt;211&gt; 296

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29465

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tataactaa	aaattttgcc	gagagtagat	ttgaggtatt	cttattttta	aaaaaaagta	180
attctggaag	gtgatgtgtg	tgtttgcttg	actatggaaa	tcatttcatg	gtgtatatgt	240
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&lt;210&gt; 29466

&lt;211&gt; 378

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29466

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mgcagaatgt	tamcacacaa	ggattagatg	atgacactcc	actccatgat	tctgctagta	180
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&lt;210&gt; 29467

&lt;211&gt; 121

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29467

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gtaaaatgtg	gttccttctc	tgcttgcatt	tatagcccag	tcaaggagca	aaccagcacc	120
g						121

&lt;210&gt; 29468

&lt;211&gt; 398

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29468

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ktttctgagc	ttttctgcct	catagaaggc	aatcctttct	tcacttagca	ttcttgaatc	360
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aactttgact	caraccatta	aagccagtct	ttttttggtg	atttgttctt	gtcagaaaaa	180
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<212> DNA  
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<212> DNA  
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gtaaaagtgg	tgatgatggw	ggtaagggtg	ccaagtcttg	tactactcaa	tttcttctc	180
gatgtcttat	ttgtttttaga	aaaacttgag	cagcctcaaa	accagtaatt	ttaggaaaaa	240
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<213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 ggccccactt agagaagtam aaaaggaagg taaaattttg ggggaaaaac tttcagtctg 180  
 aagaaagtac acactgtttt ttcaattaaa tttaacttac gggttaaaggc aaacttaatg 240  
 cacaagattt cattaccata tttaacaata tgggtgtagg gataaaatgc atagtggggg 300  
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 <213> Homo sapiens

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 <212> DNA  
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<213> Homo sapiens

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aatttttndc agsattgaaa ggtgaaacag cacaatgtcc cattccaaat ttatttttga 180  
aacagatgta aataattggc attttaaaga gaaagcaaaa acatttaatg tattaacagg 240  
cttattgcta tgcaggaaat agaaggggag tcc 273

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<213> Homo sapiens

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atctcttgca gttctcatgg agtttdcatt gtctcgtgca atgccatcga ccttgaattt 180  
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<213> Homo sapiens

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atttcgcttt cttaccagta atgc 144

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001220 666750

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<210> 29484  
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<213> Homo sapiens

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<213> Homo sapiens

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ccc 183

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 <212> DNA  
 <213> Homo sapiens

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 nagctaytca ggaagctgag gcaggagaat ggcgtgaacc cgggaggcgg asttgagtg 180  
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 ac 182

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 <212> DNA  
 <213> Homo sapiens

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 aatgctgcac ttccaatgaa aacagacagc cagtgtagag acagtccgta tcctgtttct 180  
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gaaaaaggca	gaaataatat	ttgaggaaat	aatggctgag	acttcccaaa	ttcaatgaaa	240
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<210> 29494  
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 <212> DNA  
 <213> Homo sapiens

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ggcgt	

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 <212> DNA  
 <213> Homo sapiens

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<210> 29496  
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 <212> DNA  
 <213> Homo sapiens

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<210> 29497  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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gaaaattaaa	cacacaca					258

<210> 29499  
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cgcaatgacc	gcaatgtctt	ctctcgtctc	accagtaatc	agagccaggg	gtcagcgctg	180
gacaagtctg	atgacagcga	ctcctctttg	tcggagggtc	tgaggggcat	catctccccg	240
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<210> 29500  
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 <212> DNA  
 <213> Homo sapiens

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<210> 29501  
 <211> 112  
 <212> DNA  
 <213> Homo sapiens

<400> 29501						
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tatccaatag	aagaatggtc	aaaagatatg	aaaagaaatt	tataggagcg	ta	112

<210> 29502  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<400> 29502

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<210> 29503

<211> 405

<212> DNA

<213> Homo sapiens

<400> 29503

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ccacctcctg	ggttcaagcg	atcttcttgc	ctctgcctcc	tgagtagctg	ggattactgg	180
cacacaccac	catgcacagt	tccttgttca	aaatgccaa	aacctggatg	actcatagtc	240
aagaccctcc	accagtaaca	tatattggcg	agccagacag	gagcttggaa	ccctcgggtg	300
acagtgc dna	gcacagaggc	aaccacaggt	ttctaacagg	gccactctct	ggtgaaactg	360
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<210> 29504

<211> 250

<212> DNA

<213> Homo sapiens

<400> 29504

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aggaacaggg	catggaacag	attctaccca	tattctcagg	aagagtcctt	gccaacacct	120
ggaattcaag	syttckgrat	tccagaatct	aaaaaacctg	ggcttagata	atgattacgc	180
caaaccactg	gattcaagaa	aaagctcgtc	atgcccaact	attgcatgac	agtatgtgag	240
agccaacctc						250

<210> 29505

<211> 200

<212> DNA

<213> Homo sapiens

<400> 29505

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taagtwtwag	aawtkgyttc	akgtggtttt	cctagggtac	aatttataaa	aggtagaaag	180
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<210> 29506

<211> 160

<212> DNA

<213> Homo sapiens

<400> 29506

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160

<210> 29507

<211> 126

<212> DNA

<213> Homo sapiens

<400> 29507

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ggtacg 126

<210> 29508

<211> 113

<212> DNA

<213> Homo sapiens

<400> 29508

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<210> 29509

<211> 133

<212> DNA

<213> Homo sapiens

<400> 29509

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<210> 29510

<211> 426

<212> DNA

<213> Homo sapiens

<400> 29510

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ttttggtctt taatttcatt tctgtgggww gtatgatgtg aaaaatatga taaatttctt 180  
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gagtttccca cagatgctgt ggagttaagg ccaaaaatat gcattttttt caaagtgccg 300  
athnngtaaa aagtacacgg tttctctgaa tgaatgcctt gagaggaggc atgtgcaggg 360  
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<210> 29511

<211> 139

<212> DNA

<213> Homo sapiens

<400> 29511

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139

<210> 29512

<211> 198

<212> DNA

<213> Homo sapiens

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ttggtttgag	twtcatgtgt	ctccttcctt	ggcctaggtt	gacttgagca	cacaactcga	180
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<210> 29513

<211> 287

<212> DNA

<213> Homo sapiens

<400> 29513

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tgtttcactg	agttctgggt	ttgtgtagct	atattttata	tagctagata	ttcctcacag	180
tgaacatgaa	ttgtaataat	tggttatttc	cttaagtctt	tagattataa	taatttcaga	240
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<210> 29514

<211> 102

<212> DNA

<213> Homo sapiens

<400> 29514

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<210> 29515

<211> 111

<212> DNA

<213> Homo sapiens

<400> 29515

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<210> 29516

<211> 74

<212> DNA

<213> Homo sapiens

<400> 29516

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<210> 29517

<211> 250

<212> DNA  
<213> Homo sapiens

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cattgaaatc aaaaagargg cmaggaatct ttggatgtag ggagggtttt gcttcctgtt 180  
gttgacattc agtatatgaa tgctcctgaa tagccctgta gagagaggat gctagcgaat 240  
gtgaggctga 250

<210> 29518  
<211> 100  
<212> DNA  
<213> Homo sapiens

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<210> 29519  
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<212> DNA  
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gaskcactga gtatttttgg ggagcagaag aaggagacat ttctctccga aaatgaactc 240  
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gaaaggaaac agcacctctc tccaggaggg tct 333

<210> 29520  
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<212> DNA  
<213> Homo sapiens

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aaaatgtttt thcgtttggm aacatggtaa aatttttagt asasagtga gctttgtata 180  
attggttaact ttaaccaaca ttacgtaag tacggtcttt gcagtattac acaataccgc 240  
atgagcta atgcagtatt taggtaatgc attgaatgaa gttgaaaata tgctcttaac 300  
acactgtgca trdtttttct aaaattgaga aatatctgaa atacagaata cgaatttaac 360  
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<210> 29521  
<211> 137  
<212> DNA  
<213> Homo sapiens

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ccccgtcccc cggamcc 137

<210> 29522  
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<212> DNA  
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<400> 29522  
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<210> 29523  
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<212> DNA  
<213> Homo sapiens

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<210> 29524  
<211> 163  
<212> DNA  
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<210> 29525  
<211> 145  
<212> DNA  
<213> Homo sapiens

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cgctgaggaa caagaggagg rggga 145

<210> 29526  
<211> 198  
<212> DNA  
<213> Homo sapiens

<400> 29526  
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gccttcaga gttactgtct gcttaaggca gaaacagcag taaataatga ggaaaatgaa 120  
ttagctccag tgctggaaca actaactaac ttggtgttac ctgtaagtga aaactcaagt 180  
gtcagatgaa gggagcgg 198

<210> 29527  
<211> 309  
<212> DNA

<213> Homo sapiens

<400> 29527

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acagtccard	agccrtwact	gagntctgcc	caggacacct	amctggacag	ccaggaccac	180
aagagcgagg	tgactagcca	gtcggggcctg	agcaactcgt	cggacagcct	ggacagcagt	240
acccgaccgc	ccagcgtgac	acgggggtgga	gtcggccccag	cccctgaggc	cccagagcca	300
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<210> 29528

<211> 205

<212> DNA

<213> Homo sapiens

<400> 29528

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gtttgccagg	cattttaagaa	tatggcaaag	aacataaaag	atggtgtcac	cagattttgg	180
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<210> 29529

<211> 182

<212> DNA

<213> Homo sapiens

<400> 29529

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tgartgctgt	caaragaaag	catctatctc	caccctcctt	tgtcaacctt	catcaaaggg	180
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<210> 29530

<211> 189

<212> DNA

<213> Homo sapiens

<400> 29530

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acccarggcr	gtkktttctc	aragtcgttg	gtcttgggaa	aatggctaac	ggttcacgtt	180
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<210> 29531

<211> 279

<212> DNA

<213> Homo sapiens

<400> 29531

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scyttawttt	tcaywatttg	gaagcagagg	tcatagcagt	taagaagcat	tgtggagtta	180
ttcagctagt	cagtgttttg	gtcagtacct	cctctgtgca	ctttactatg	ctatgggtgc	240
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<210> 29532  
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 <212> DNA  
 <213> Homo sapiens

<400> 29532  
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 catcagaaaag tgggtggcgtt ttctgtactg gattgcacca aggaagcttt tggggaggaa 120  
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<210> 29533  
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 <212> DNA  
 <213> Homo sapiens

<400> 29533  
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<210> 29534  
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<400> 29534  
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<210> 29536  
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 <212> DNA  
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<400> 29536  
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<210> 29537  
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<213> Homo sapiens

<400> 29537

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tgataaatga tccttgtggg aaagtcctgt tacgtctctg agtctcactc actatcttca	180
tcagtaaagt gagataaaaa ctatatgtca gggagaatca aataaaaagga tatatatata	240
tgctttgaaa aaggaatttt gtaagactgc attatattaa aatgcatagt ataaatagga	300
cttttccct tgtttnktca cttctccct	329

<210> 29538

<211> 114

<212> DNA

<213> Homo sapiens

<400> 29538

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<210> 29539

<211> 145

<212> DNA

<213> Homo sapiens

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tgacttaggc aatacaccaa ggaac	145

<210> 29540

<211> 145

<212> DNA

<213> Homo sapiens

<400> 29540

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gcaaagtgag ctcaaggaag gtccc	145

<210> 29541

<211> 258

<212> DNA

<213> Homo sapiens

<400> 29541

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accaggaata atgaggagag ttcaaaatga aatacaaaaca gtaacaaatg aacttaactg	180
tatttcagat gcataatata accacattga aggaggtggg caagaaaaat aagaagttat	240
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<210> 29542

<211> 421

<212> DNA

<213> Homo sapiens

<400> 29542

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cattttaaaa	tatgtcaaag	cttctacagt	tgcttacgaa	atggtaagaa	tgaatcccat	180
gtacctgagg	ctgacctttc	acttttgaag	ctaatttcct	gttggagaga	ccagtctgtg	240
caggtaactg	aagcaataca	agctgttctc	ttggcggaag	ttcaacaaca	catgaagagt	300
ttggcaaaga	tacccg tcaa	tagtcaacca	gtgtccatgg	cagagaatgg	taactgtgag	360
atgaagcaga	atgctgccaa	agctggaatg	gacagaagaa	ctagagttac	agtgtgttag	420
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<210> 29543

<211> 177

<212> DNA

<213> Homo sapiens

<400> 29543

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aacaaccttc	agtgggcttc	acttgccgta	gtctgccagc	aataatttct	tgttacttga	120
ctatgtgtgt	gtcccataat	ccagacaagc	tgaataacat	ttgtttcacc	tctccct	177

<210> 29544

<211> 113

<212> DNA

<213> Homo sapiens

<400> 29544

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<210> 29545

<211> 189

<212> DNA

<213> Homo sapiens

<400> 29545

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cagcagcaat	ataaaggaga	atgaggcggc	gcgcctccca	gacgcagagt	agattgtgat	120
tggetcgggc	tgcgaaacct	cggaaaccg	aatgtgagna	ccttaaggga	tccacagctg	180
ccgccaccc						189

<210> 29546

<211> 200

<212> DNA

<213> Homo sapiens

<400> 29546

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aaaagcyaac	caaaagtagr	attcaaacc	agttgttaat	cacattaaag	cctgtgcttt	180
aattcactct	accatgacag					200

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<211> 312  
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 aaaagtgaag ctcaattgtg aagttaaagg aaatccaaaa cctcatatca ggtggaagtt 300  
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<210> 29548  
 <211> 274  
 <212> DNA  
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 ttaatatgtt gagccactgg aaatttgtaa cagattaatt tggtatagga gtttaaatgt 240  
 gttgtcattg tctccattgt ctttgtccag agcc 274

<210> 29549  
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 <212> DNA  
 <213> Homo sapiens

<400> 29549  
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 tgtccctggg aatggacaca gctggtcgcc gtctatccta ccttggcctg caggggccgg 180  
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<210> 29550  
 <211> 108  
 <212> DNA  
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<210> 29551  
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 <212> DNA  
 <213> Homo sapiens

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 cagaccccg cgttccctac cc 82

<210> 29552

<211> 257  
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<210> 29553  
 <211> 211  
 <212> DNA  
 <213> Homo sapiens

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<210> 29554  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 tgcttcaa atctgtcctac gtcattcacat cacattctcc ctctgtgtct gtgtctccta 180  
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 <212> DNA

<213> Homo sapiens

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gccaagaagg	gccagaaaat	ctaaagatct	ttgttctata	actgtaagt	gagaagagat	180
ccctaatatg	cctcctgaaa	tgcagcttaa	ggctctgcat	tcagctcttt	tcacatttga	240
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<210> 29557

<211> 228

<212> DNA

<213> Homo sapiens

<400> 29557

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gtgcgatgac	acaatctcag	ttcactgcaa	cctccgcctc	ccgggttcaa	gcgattctca	180
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<210> 29558

<211> 107

<212> DNA

<213> Homo sapiens

<400> 29558

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<210> 29559

<211> 101

<212> DNA

<213> Homo sapiens

<400> 29559

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<212> DNA

<213> Homo sapiens

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caaatagtga	cagacctatg	aaggcaactg	cctttccgcg	agaagtcaaa	gacttgacsa	180
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<211> 98

<212> DNA

<213> Homo sapiens

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<212> DNA  
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ctagcaatgt cttattaaat gtaaagamat tatatataag gtgaaatata tatacacaca 180  
cacacacaca catatacgta tgtattcaat cacacacatt ttcagaaatt tcagtt 236

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cccttcccta gtcccccccc ct 142

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gaccgccaaa aaa 73

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<212> DNA  
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 aggcctaagg gactggaaa aatgga 206

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 <212> DNA  
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 agccwcagg tttcccagtt tcacrrggtg rasgasgaat acgtgtttgg aaccagtgc 180  
 ttccgggggc cccctccggt ggccttaagg tgacatcctc acccacctgg gggcctgagg 240  
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<210> 29572

<211> 301  
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gtwctgcact atgtgtkcac tgtccaaagc agttwctgcm ctataattgg ggctcagtaa 180  
aaatctgttt aataaacaga tgaatcaata agtgtaccct tctgaaaaac tatgttaatg 240  
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<213> Homo sapiens

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<210> 29575  
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<212> DNA  
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<210> 29577

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 tttatttcat taagcaaatt gtacttcact cctgtaacaa tgtaagtggg gaatgaaaat 180  
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<210> 29578  
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 <213> Homo sapiens

<400> 29578  
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<210> 29579  
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 <212> DNA  
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 catctcaaaa aaaaaatgta aggaaaaggg cagcg 155

<210> 29582  
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 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 29582

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cagagaacgg	ttgattaaaa	ttgctggaag	taaatcatag	aattattctt	cccattcatt	120
ctttcttaaa	atccttttaa	acctttttaca	caggggtcttg	gatatcaaag	agacaagc	178

&lt;210&gt; 29583

&lt;211&gt; 173

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29583

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gttccatagc	ttggctattg	cgaatagtg	cacagtgaac	acaggactgc	agctctcttc	120
cccaaactga	ctttaaatct	tttgataaaa	tactcagcag	tgggattgct	gga	173

&lt;210&gt; 29584

&lt;211&gt; 216

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29584

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attgcttgaa	cccgggaggc	ggaggttgct	gtgagctgag	atcgcgccac	tgactccag	120
cctggtcgac	gaagtgaatc	tctgtctcaa	aaaaaaaaaga	aaaaaagaaa	tatttatttt	180
ttaagaatat	taactatttt	gtaataaggc	atgcac			216

&lt;210&gt; 29585

&lt;211&gt; 391

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29585

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taaataatth	cttttgtttg	ttttccccc	tttcctaaac	tagtttcttt	ttagtatttt	180
agtccccagt	tcttttggtg	atthttttatt	ttagaaaaaa	tctcatgatt	gaagtagtct	240
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tttgcagtgg	taattttctt	tttkatcaga	gcgtagagcc	cttttccact	gtgttagctt	360
taacagtctt	aatantttta	tttcaacact	t			391

&lt;210&gt; 29586

&lt;211&gt; 302

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29586

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atggtttgct	ttattttgta	gaaatatata	actttgtata	aaaacaatgt	tttaaattgt	180
tggggaaatt	tcttaatatg	tagcaaaagc	ataaccagcg	ttcaagtcaa	gcctgaagtt	240
aggaaatctt	taattttata	aatattcagc	tcttttatac	cattgtatgt	gtgccctcc	300
cc						302

&lt;210&gt; 29587

<211> 128  
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<213> Homo sapiens

<400> 29587  
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atacctaa 128

<210> 29588  
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<212> DNA  
<213> Homo sapiens

<400> 29588  
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gcaaattgggc tttcacaagg tcccacggat actcactttg gttgtattct aagttgatta 120  
cacaaatatg agtgtgatta aatgacaac gcaattactg ctgcaattg 169

<210> 29589  
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<400> 29589  
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ttagttcagc cgtacccagt 140

<210> 29590  
<211> 228  
<212> DNA  
<213> Homo sapiens

<400> 29590  
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<210> 29591  
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<212> DNA  
<213> Homo sapiens

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<210> 29592  
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 tctaacaagc ttctttctcc ccacccccat aac 213

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<400> 29593  
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<210> 29595  
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 gctgattctt aacagacatt aaaatttgag aatctctgtt taggatttat tcagaatcct 180  
 aaggatgaat cctggatgaa tatattcttc aaactaactt atttaaataa gcctattagt 240  
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 <212> DNA  
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 tattttctgt gaaaatcatg ttataactgt aaggtaatag agggca 106

<210> 29597  
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<213> Homo sapiens

<400> 29597

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aaacagcaac	aacttgtttc	tctggaatat	tgataaagg	acgaattact	gcaaaagttt	180
ttttatattg	taattgaagt	gtgggttaaag	aaattcattg	tctgctttgt	tagcttttgt	240
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<210> 29598

<211> 114

<212> DNA

<213> Homo sapiens

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<210> 29599

<211> 145

<212> DNA

<213> Homo sapiens

<400> 29599

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taaatcatgc	tgctataaag	acacatgtac	atgtatgttt	attgtggcac	tattcacaat	120
agcaaagact	tggaaccaac	ccgga				145

<210> 29600

<211> 302

<212> DNA

<213> Homo sapiens

<400> 29600

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astggagatg	atcangggcc	ataggggacc	tggttaamat	tgactatttt	aactattt	180
magtgtacag	ttctgtggca	ttaaatacat	tcacattggt	ctgcaaccat	cactgtcatc	240
cacctccata	acttttctat	cttcctaacc	taaaactctg	tactcacbaa	atactgactt	300
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<210> 29601

<211> 292

<212> DNA

<213> Homo sapiens

<400> 29601

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aaagttckgt	ttcttgacct	gggtagtgtg	gacaaagaca	tttgccttat	aatcataatt	180
aactaatctc	tacatttgtt	tgggtctggg	tttctgtttc	atcttaaac	aaaaagataa	240
ataataaata	atgcatacat	aaatccaagg	aaaaaagtta	atggggcatc	aa	292

<210> 29602

<211> 165  
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gagcaatact gctctgccgt ggttccgtgt tgatcatctgt gccgc 165

<210> 29603  
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<212> DNA  
<213> Homo sapiens

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acttttacat gaatctgtaa tttcaagata tcttaatggt tgacaggggtg 110

<210> 29604  
<211> 58  
<212> DNA  
<213> Homo sapiens

<400> 29604  
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<210> 29605  
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<212> DNA  
<213> Homo sapiens

<400> 29605  
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tctttgtctt akttatggag aaaaaccggg cactttgtcc agcgccactgt gagggcccca 180  
ctcaggccag ccctggcccc ccccta 206

<210> 29606  
<211> 236  
<212> DNA  
<213> Homo sapiens

<400> 29606  
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ctcagctact tgagaggctg aggtgggaag atcccttgag cctgggaggt tgaggctgca 180  
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<210> 29607  
<211> 157  
<212> DNA  
<213> Homo sapiens

<400> 29607

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 aagtgttggg attgcaggca tgatccacca cgccac 157

<210> 29608  
 <211> 117  
 <212> DNA  
 <213> Homo sapiens

<400> 29608  
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 <212> DNA  
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<400> 29609  
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 tcttccgctg tgctctcat tccaagggca ggaagatgtg actcagccat gacacgtgtt 180  
 tctgggtggga tgcacagtca ctccacatcc accattgaag gaaaggaaaa aagggcagag 240  
 acttgacact ccagtcttag acaggggaca at 272

<210> 29610  
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 <212> DNA  
 <213> Homo sapiens

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 taggccatcg ggtctccac caccaccaac tctgccggcc tccccatgcg 170

<210> 29611  
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 <212> DNA  
 <213> Homo sapiens

<400> 29611  
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 atggcatccc ataagtcttc gtgncggcca ccaggacaga accacctgat gtttttagagc 180  
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 tcttagccac tccaggtttg ggagcagaaa agctgaaaaa cccttttgtg tagaagtctg 300  
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 cggcagcgcg agatcccagc ctccaggccc gattcgggaa gggtcgacga agcccttttc 240  
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<210> 29617  
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<212> DNA  
<213> Homo sapiens

<400> 29623  
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anntgggttt cagagatgtc atccaaagca gattttacag ttgtttcctg gttataaatt 300  
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<210> 29624  
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<212> DNA  
<213> Homo sapiens

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<212> DNA  
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<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

<400> 29627

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<210> 29628  
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<212> DNA  
<213> Homo sapiens

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ttmaaaaaat taatgaatcc aggagctggw tttttgaaag gatcaacaaa attgatagac 180  
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cctactggca gagagctccc agccca 206

<210> 29630  
<211> 276  
<212> DNA  
<213> Homo sapiens

<400> 29630  
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<210> 29631  
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<400> 29631  
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<210> 29632  
<211> 136  
<212> DNA  
<213> Homo sapiens

<400> 29632  
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<212> DNA  
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<400> 29633  
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<210> 29634  
<211> 77  
<212> DNA  
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aacttgcttc tttctcc 77

<210> 29635  
<211> 352  
<212> DNA  
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gtggtactcc acagaaaaga gaaagaaata tcaactaaact tgaggtcctc aagagagacc 180  
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aggacaagtc gcagttattc aatgccaaaa actcctcata tagtccycag aaaaaggaac 300  
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<210> 29636  
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<400> 29636  
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<210> 29637  
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<212> DNA  
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<400> 29637  
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ccctccccac	cgc					253

<210> 29638  
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gaatatgctc	caacaaat	cggatagagg	cgccgaagac	aggacgtggg	gmaagctaaa	120
gaagtaaaca	ggatcatggc	cgtttaacaa	aaagacgaca	ggcgataca	aaagctatcc	180
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<210> 29639  
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<400> 29639						
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catcttgagt	tggttttcgg	atatagcaag	agaaaggagt	ccagtttggt	cttctgcatg	120
tggatatcca	atcttctcag	caccatttat	tgaagagggt	atcctttcca	caatgtatgt	180
tcttgatgcc	tttatcaaaa	atcagttggc	tataaacaca	ttgatttatt	tctgtatttt	240
ccattctgtt	ccattggtct	atatgcctgt	ttttatacaa	ataccatcct	gttttggtta	300
ctatagcttt	gcaatatatt	ttcaaaaaga	ataaagatgc	aggcatcata	ctacctgact	360
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<210> 29640  
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gtgagaggct	gtggggcagc	ggctctgtcc	tgtgccttac	cagccctggg	gagggggaca	180
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gaagtgtgaa	ctaccccc					258

<210> 29641  
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 <212> DNA  
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<400> 29641						
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ctaa						124

<210> 29642

<211> 361  
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acattccatt cccagagctg tgaacatctg cttttctggg vtaggaacct tgggtgmwatg 300  
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<210> 29643  
<211> 296  
<212> DNA  
<213> Homo sapiens

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gagagtatgc ttttttagga acgtgtatca agatctcctg aaggattttt cagaccacat 240  
aagcaatccc tgaaagtctg atctttccct gcaccatccc cccatcccag ggcccc 296

<210> 29644  
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<212> DNA  
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<212> DNA  
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gaaagccatc tcacttccca ggcctcagtt tcctcatcgg taaaatgaaa gaagg 115

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<212> DNA  
<213> Homo sapiens

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aatagtgtcg caataaactt atgtgtgcat gtgcg 95

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<212> DNA  
<213> Homo sapiens

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ttatacttta ttttggtaca taataggcac tcaaattctt tccggagttt taatgtataa 180  
cttacatata ataaaatgta ttcattttaa gtgtacagtc tgatgagttt tgacaaatgt 240  
atatacttgt ttamcctcca ctccagtcta gacacagaat agttccattg ccccaaac 298

<210> 29648  
<211> 287  
<212> DNA  
<213> Homo sapiens

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attctaagat ggagacaaca gaatttcctg agggactgga tgtggaatgt gagagaaaga 180  
ggagttaaag atgattctga gatttttgtt ctgaacagcc agaattgatgg agttgtcatt 240  
aactgaggtg gaaaaggmtg tgggaagggc tagttctgat ggggagg 287

<210> 29649  
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<212> DNA  
<213> Homo sapiens

<400> 29649  
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ggtaashaac tgcttc 136

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<212> DNA  
<213> Homo sapiens

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<210> 29651  
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<212> DNA  
<213> Homo sapiens

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tgcattggga 190

<210> 29652  
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<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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<210> 29654  
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<212> DNA  
<213> Homo sapiens

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ctactgtttg caatttgcta ttggaagtag caaggtaaat gttagtgcac atacaattgt 180  
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agaaataact tgtttaatga aaactgaaca aatgaattgg gcaaca 286

<210> 29655  
<211> 340  
<212> DNA  
<213> Homo sapiens

<400> 29655  
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taaaactcag atttcagagc cagacctaca tattdndcag aaacccaaat ttaagataat 300  
gtccccagac ccatcttatg taacttaag ttgaacacta 340

<210> 29656  
<211> 274

<212> DNA

<213> Homo sapiens

<400> 29656

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cagctgggaa	tgtgcatacc	gggcaactca	actttcaccg	ctctgcacat	gtctgctaata	180
aactgcgaaa	gaagtgcctc	aagtattaag	gattacaaat	gaatccttagc	aagtaggcag	240
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<210> 29657

<211> 155

<212> DNA

<213> Homo sapiens

<400> 29657

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<210> 29658

<211> 243

<212> DNA

<213> Homo sapiens

<400> 29658

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waaatctgtt	gtgcttttat	atgaatat	gttttttata	gtttaaaatt	gatcctttgg	180
gaatccagtt	gaagttccca	aatactttat	aagagtttat	cagacatctc	taatttggcc	240
acc						243

<210> 29659

<211> 183

<212> DNA

<213> Homo sapiens

<400> 29659

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<210> 29660

<211> 71

<212> DNA

<213> Homo sapiens

<400> 29660

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<210> 29661

<211> 73

001220-1666750

<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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gattacaggt gcatgccacc acca 144

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<212> DNA  
<213> Homo sapiens

<400> 29663  
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aaactgatca agccagagac cagggtttggc aaaaagtatc atttgatatg acttgtaaaa 180  
tgtcaattat tgtgaacaat tttaaaaaga cctcatcaga ccatattgca tgttctcata 240  
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<210> 29664  
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<212> DNA  
<213> Homo sapiens

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taacctgccc aaggggaagg tgtaaatgct gtgaattggc agaggagaga gctgtgctcc 120  
ataggggtgct gccgggtgctg tgctccctag cttctgktc tgtmttcctc cttagccaga 180  
acgccacccc cttccc 196

<210> 29665  
<211> 174  
<212> DNA  
<213> Homo sapiens

<400> 29665  
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gacgaatcag catcttgctc ccatgggtgat aacactaatt gaatatatct atgagggcat 120  
gwattagtta atggaaaaaa aaatacaaca ctaacaatta catrgctgca attg 174

<210> 29666  
<211> 259  
<212> DNA

<213> Homo sapiens

<400> 29666

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taaatactgt	aaagcatatc	tattaataat	tcccccaatt	ttttaaacta	acaaaatgga	120
atgttaactg	aatggaatta	aacatagcaa	ttgtcaaggc	aatcaaaatt	atatatcgaa	180
ccacttaggc	atgttacggg	gtaaagtcct	caccctgca	tttgagaaat	atattattat	240
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<210> 29667

<211> 397

<212> DNA

<213> Homo sapiens

<400> 29667

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aggaggaaaa	atggwkataa	aaagaaaagc	gtgtaatgtc	ataattactt	cattagtgtg	180
gagaagacat	tagcaagaaa	attccaggtc	aacttaaaat	ggtcttatgg	ggagcaggca	240
ttttaatgay	yatcacaga	gggttgtcct	gtcccaaacc	aaagcctgtg	tcagattcca	300
taaatnnatt	agaaagcaaa	tagcactttg	gtttacagta	aatgaggat	gtgtgaaaat	360
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<210> 29668

<211> 85

<212> DNA

<213> Homo sapiens

<400> 29668

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acattactgc	tatgaactcc	cttct				85

<210> 29669

<211> 142

<212> DNA

<213> Homo sapiens

<400> 29669

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cataacaagg	gtcattttatc	attgcatcat	ttatatgcct	aggatgccct	tttgttttta	120
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<210> 29670

<211> 178

<212> DNA

<213> Homo sapiens

<400> 29670

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gctaaacttt	ctgtcatttt	tcctaccagg	tataaagcaa	tcamttctaa	ataggtca	178

<210> 29671

<211> 320

<212> DNA  
 <213> Homo sapiens

<400> 29671  
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 tgactagagt tccctcccag aggcctarrt ggtctctggg agggaaacat gatccaataa 180  
 atggggactg tgggaattac atttctccca tttccgtcat ttctgggagg ctccaggaga 240  
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 acctccaatg ctccaccac 320

<210> 29672  
 <211> 245  
 <212> DNA  
 <213> Homo sapiens

<400> 29672  
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 ggggtcccc agtttanagc tactgtttta tatttttatt atagtattta tctccagact 180  
 tcttttggtg tggaataggg gcaatctcct tgatggattt ctcaaacagc cttcaccag 240  
 gcttc 320

<210> 29673  
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 <212> DNA  
 <213> Homo sapiens

<400> 29673  
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<210> 29674  
 <211> 222  
 <212> DNA  
 <213> Homo sapiens

<400> 29674  
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 acagtcacct gtgtgtaagc gtasaggaaa gatgagctca ggatggttta ggaacacgca 180  
 ggaggaagcg ttggagccta gcttttggtg gccggggggg gt 222

<210> 29675  
 <211> 110  
 <212> DNA  
 <213> Homo sapiens

<400> 29675  
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<210> 29676

<211> 138  
<212> DNA  
<213> Homo sapiens

<400> 29676  
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cacatgcaca cacgcttctc accttcagag cttcaagagc actgaggcga tcagtcacct 120  
accctgttc ccatcact 138

<210> 29677  
<211> 141  
<212> DNA  
<213> Homo sapiens

<400> 29677  
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caacatgagt tacatgctga gtgctctaag gtagaaagta ggtaacaarg aataacaggt 120  
aggtaatgta agtcgggaga g 141

<210> 29678  
<211> 337  
<212> DNA  
<213> Homo sapiens

<400> 29678  
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tgatgggggc attcaaccaa ggcagttatt tctgaaattc ttccaactct ggcaratcct 120  
ggatattact ttagccctgg gtcattcagtt ttctaatga accacatttt ttttttatga 180  
tgacgatgct ggaaatgggt tttaaatagg gtaaattctt atttgttctc aatacctccg 240  
gaatagctga agagtgaaca ctttaaagac tgattggcaa tgctgactgg ctagtgtatt 300  
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<210> 29679  
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<212> DNA  
<213> Homo sapiens

<400> 29679  
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tggtcagatg gaaaagcctg tgataaggta aaattgagca gagacctaaa tgagagagag 120  
tgaaccatgc gaataattaa gtgaataatg ttttaattat agggacaat atgtgtgtgt 180  
ctatatatat atatacacac aaagggtactg aggcagcagc atacttggca tgtttgagga 240  
ataacaa 247

<210> 29680  
<211> 202  
<212> DNA  
<213> Homo sapiens

<400> 29680  
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<210> 29681  
<211> 81  
<212> DNA  
<213> Homo sapiens

<400> 29681  
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aaaaaaaaatct ttcccactgt a 81

<210> 29682  
<211> 161  
<212> DNA  
<213> Homo sapiens

<400> 29682  
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agaggTTTtac aataaaaatgt attctaccct tatcccccaa t 161

<210> 29683  
<211> 423  
<212> DNA  
<213> Homo sapiens

<400> 29683  
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tgtgaaaatg accatgctgc caaaagcaat atacacattc aatgcaattc ccatcaaact 120  
accaccatca ttcttcacag cactggaaaa aacaatttcta aaattcatgt gaaactataa 180  
aagcccgcac taggcaaagc aagagtaagc aaaaagaaca aatctggagg catcacgtta 240  
cctgacttca nactatacta caaggctata gtcaccaaag cagcatggta caggatataa 300  
aataggtgca tagaccaatg gaacagaata ggaaccaga aataagccca aatacttaca 360  
rctaactgat ttttgacaaa gcaamcaaaa acataaaaagt ggggaaagac accctaattc 420  
aac 423

<210> 29684  
<211> 388  
<212> DNA  
<213> Homo sapiens

<400> 29684  
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ctcttgTTTT tggggatctt tttttttcta atacttatta ccactataca aaatgcaggt 180  
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atggttcaaa ttatttactt ctagaaaagg tcttaagaat cttactcaga acctttatac 300  
tcttattttc tcacaaagct agtgactgta tagtgtaaata taatggcttc ttgcagaata 360  
aatgtagcaa gtagtttagt taggaggt 388

<210> 29685  
<211> 287  
<212> DNA  
<213> Homo sapiens

<400> 29685  
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 tttccagcat atgtagcggt aatagatctg tcttggtaac tgtgtctttg ggatttcatt 180  
 ttggttccat caaattagga aaagaaatgg cttagtkgta tatgattagc tagagatttt 240  
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<210> 29686  
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<400> 29686  
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 aatctgagtc ccaagctagc ctgtgctcaa ccac 154

<210> 29687  
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 <212> DNA  
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<400> 29687  
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 agcttggtat tatagttttt aaaattaaac ttttactctt agttgcataat tgtcatacag 180  
 ttgtaagaag cattacagag agacactgtg tctttacccc attttctcca atgacaatat 240  
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<210> 29688  
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 <212> DNA  
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<400> 29688  
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 ccgagaagag aaccgcgatc tgtttcagca ccggggctca ggacagttcc cagcgggctc 180  
 cgtttcgtct ccagaaccct ggacagctcc tccagtagag acgggggttc accatgttgg 240  
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<210> 29689  
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 <212> DNA  
 <213> Homo sapiens

<400> 29689  
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<210> 29690  
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<212> DNA  
 <213> Homo sapiens

<400> 29690  
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 ttttttgatt ttccagaaat gtctttggat tcttagaata agccagatgt atcacaagtg 180  
 gattatctgt atcacatata tggctgttct tgagttacta atcttttata ttttgtgtgt 240  
 aaggaatgtt tttaatctag gtgaaatctt gaatctatgc tcacaagtaa gaatatacctt 300  
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 catacgcgct cgagg 435

<210> 29691  
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 <212> DNA  
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<400> 29691  
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<210> 29692  
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<400> 29692  
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 aggatcattt gagtccagga ggtcgaggct gcagtgaacc gtgagccgtg atcatgccac 120  
 tgcactccag cctggacgac agagtgaagng tatgtttcag a 161

<210> 29693  
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 <212> DNA  
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<400> 29693  
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 agatttccgg aatctcctga ggccactttt attgcttccc gtctttgtga aaaaataggc 180  
 ttggaaatag agggcccaag acagggagtg gaacagccag ccccggtggag gggacctcag 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 29694  
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 ccaattttta gtgcacagtt ttgtagcata aaattttatc acgctgtgta gccatcacca 180  
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cttccagccc cttggtaacc actattctac agcttttcat tttcaaagga tgttttattg 300  
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 ttatgaagcc cct 373

<210> 29695  
 <211> 293  
 <212> DNA  
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<400> 29695  
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 atagcataac ctttcctttt ttaaaatcac tccagctgca tagagagaag gagcaccatg 240  
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<210> 29696  
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 <212> DNA  
 <213> Homo sapiens

<400> 29697  
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 ggaaattaat gttctctgtt tccccccacg c 151

<210> 29698  
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 <212> DNA  
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 gactacatca aactgaaaac cttttatgca gccaaagca 158

<210> 29699  
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 <212> DNA  
 <213> Homo sapiens

<400> 29699  
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tgctgatggg ggcacagcc 319

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<211> 417  
<212> DNA  
<213> Homo sapiens

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<210> 29701  
<211> 406  
<212> DNA  
<213> Homo sapiens

<400> 29701  
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aaacacaatt tctatggcat agtcaactga acttcatttt tacatttaat ctaacatgtt 180  
aacacgttct aacagggttt ctatgagcag ctgctgtaac atactcatca actatgatag 240  
acttaacact tgttacctaa tgaacaagga ggatgtgcat ttcgggtttc ttttgatatt 300  
cgtggagggtg attgtcaghv tttaaacagg actactttct ccactatgaa gatgacttgg 360  
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<210> 29702  
<211> 432  
<212> DNA  
<213> Homo sapiens

<400> 29702  
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cagttaagca nt 432

<210> 29703  
<211> 290  
<212> DNA  
<213> Homo sapiens

<400> 29703  
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atcattgcta	ttatgttama	tatcacaact	actgtcattt	cttgtttacc	cactacattc	180
taagcttggt	gctgacatct	ttgtatttat	tatataaaat	tctcaaaatt	actctgcccg	240
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<210> 29704  
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 <212> DNA  
 <213> Homo sapiens

<400> 29704						
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tccttgatg	accttaaggg	gaaaaaagaa	aaaagatacc	ctcacatcct	cagctccc	118

<210> 29705  
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 <212> DNA  
 <213> Homo sapiens

<400> 29705						
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catagtgttg	acattcaact	atttagaaaa	tttattactg	taagtatctt	ggcttttgtg	180
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<210> 29706  
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 <212> DNA  
 <213> Homo sapiens

<400> 29706						
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aatagatccc	attcacaatt	gccacaaaga	gaataaaata	cctaggaatc	caaattacaa	240
ggaatgygaa	ggacctcttc	aaggagaact	acaaaccact	gcttaaggaa	ataagagagg	300
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gccaac						126

<210> 29708  
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<213> Homo sapiens

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ctataggata	taagtactga	tttgtaactt	taaaggaatt	gcatttgtcc	ttaagaataa	180
cagagtagtt	ttcaatctgg	tcactctttt	gggccaaacc	caagagaatt	ttaagaaatg	240
tttcataggt	ataaaaaggt	gatcgcctat	tactgacagt	ctcattgtag	ctctaaaaag	300
cctaattgat	ccactgtgga	ataaactcca	tagactcann	tcttctggag	ttcacaatgc	360
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<210> 29709

<211> 205

<212> DNA

<213> Homo sapiens

<400> 29709

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ccaaatggat	gtgacagaca	tttacagaac	attttatcca	atagctgctg	aatacacatt	180
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<210> 29710

<211> 171

<212> DNA

<213> Homo sapiens

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<210> 29711

<211> 230

<212> DNA

<213> Homo sapiens

<400> 29711

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gttgcaaaaa	gtcctcttcc	ttcctcccaa	agtatagaga	ctcctctagg	tagataaact	180
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<210> 29712

<211> 234

<212> DNA

<213> Homo sapiens

<400> 29712

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agagtttttc	atthttagtaa	catgtgcaaa	ttgtctggat	cagagctcct	cagtccttga	180
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<210> 29713  
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<212> DNA  
<213> Homo sapiens

<400> 29713  
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gaggcgagca aaaaaattaa attttaacca tgaggggtt 159

<210> 29714  
<211> 63  
<212> DNA  
<213> Homo sapiens

<400> 29714  
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ctt 63

<210> 29715  
<211> 291  
<212> DNA  
<213> Homo sapiens

<400> 29715  
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aaaagcaaaw aagggtattc ccaatagtaa aaagattatt gaggattttt tctggggagt 180  
gattaggctg gaaaggtagg agctaaatat tgwnntggca gcagcagctt ttgcaacaat 240  
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<210> 29716  
<211> 117  
<212> DNA  
<213> Homo sapiens

<400> 29716  
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<210> 29717  
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<212> DNA  
<213> Homo sapiens

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gggtggmattc cacgaacgaa attcagactc tgctgggctc ctctgtagag tggctccacc 180  
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<210> 29718  
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<213> Homo sapiens

<400> 29718

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cataacgtaa	gcagtacctc	aaagtaaata	atgtaatgat	aagcacttta	taactattaa	180
ctcatttaat	acttaaaaca	cacaatgaca	tgtctcactg	ttgttctggt	ttattgttga	240
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gagccaggat	ttggatccaa	ggtaatctgt	agcattgggc	tgcagtgcac	ctggagggtt	360
aagtttagta	atccataaat	cgtgtatttc	catcacttat	tttactaaga	gcaaatacatg	420
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<210> 29719

<211> 164

<212> DNA

<213> Homo sapiens

<400> 29719

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<210> 29720

<211> 287

<212> DNA

<213> Homo sapiens

<400> 29720

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ctttgagaag	aatgatttca	tttgamtytc	acaagaaatc	ttgtatgagt	tttacaaatg	180
aggaagccag	gttccagaga	aatacacata	gctatcgga	gtagcatttg	caagctgctt	240
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<210> 29721

<211> 129

<212> DNA

<213> Homo sapiens

<400> 29721

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<211> 170

<212> DNA

<213> Homo sapiens

<400> 29722

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<210> 29723

<211> 148

<212> DNA

<213> Homo sapiens

<400> 29723

tatgtatgtg catttggtat catgggccgt ggaacagaat atatgttgga cctctgaaaa	60
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ctgaggtatg gttgttggac gaggccgc	148

<210> 29724

<211> 328

<212> DNA

<213> Homo sapiens

<400> 29724

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tggaaaayta caghgagaag tcaacattaa gtatgtttta agtgggcaac ttctatttaa	180
aagtttaaac acttaaaaaat gaaaaagttt acattgcttc atagtadgaa aaaattacct	240
gaatcagtaa gatggttatg tgaaattaat atatacaggt cactataaat accaagtttt	300
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<210> 29725

<211> 118

<212> DNA

<213> Homo sapiens

<400> 29725

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<210> 29726

<211> 176

<212> DNA

<213> Homo sapiens

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<210> 29727

<211> 206

<212> DNA

<213> Homo sapiens

<400> 29727

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attctacttt attaccagc tcttgcccyt ttkgggcttt agaggagaag agggggagat	180
tgacaggaca agtggaatg gtgggc	206

<210> 29728

<211> 277  
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<210> 29729  
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gc 182

<210> 29730  
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<212> DNA  
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tctcctccac tttctctttg ttttacctgt ttttggttaa ccttttactt aggctatgga 180  
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<210> 29731  
<211> 149  
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gatcagcaat tgcagaagma ggcagcggc 149

<210> 29732  
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<400> 29732  
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<400> 29733  
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<210> 29734  
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 ggctgctcca tcatgtgtgg atgcttcaat agtggaacag aaatgggtgt gccatatgca 180  
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<210> 29735  
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 <212> DNA  
 <213> Homo sapiens

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 cctgggkgtc tgcgttttgt gggtgaccag gtagagaggt acagataatg gaaacctgca 180  
 gtttaggagg gatgtcaaga ttaaaggcag aaagctagac ttcattgtta tatgtgtgca 240  
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 agaactaagg acagagtctg gtagacatca acatttgagg gctgaggtag aagtagaaca 360  
 aaagtgaata atcagagac 379

<210> 29736  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 29736  
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 gaac 124

<210> 29737  
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 <212> DNA  
 <213> Homo sapiens

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ggtcggaaac	aaggaaaatg	aagatgctga	tactatttac	aagcagctgt	aggttctaaa	180
accggatgaa	ttatggaagc	atattatgag	tttgatatac	aattttttct	ttagtatttt	240
cagtgatgtt	acttatttga	aacccttaga	attacattga	agaagtaaac	tttgcaactt	300
gattccttga	ccacagttat	atattattatt	tattttattta	tttattcatt	tattttgaga	360
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ctctgcctcc	taggtt					436

<210> 29738  
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 <212> DNA  
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tggaaccac	cagaccggta
tattcagcag	aaaagggtga
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<210> 29740  
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gtgcatttaa	ctgctttctt
catccatgac	gacattccca
ccatgggggg	tcttgacaaa
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<210> 29741  
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tatgacaggg	catattcttt
gcttccaara	tttggtttgg
gggcactagg	gggttcagagc
ctggcagaat	tgctagcttt
agtctgacat	aatctaaggg
tatggggcaa	ggatcacatc
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<210> 29742  
 <211> 414  
 <212> DNA

<213> Homo sapiens

<400> 29742

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gkraaaggdk	twagcctgtg	ctgacagctg	gggaaagagc	attccaggca	gagggaccac	180
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aaaagtatat	tcagaacggt	ggagtgtctg	aatcmcttaa	gttgtcctcc	aatgtgaagg	360
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<210> 29743

<211> 187

<212> DNA

<213> Homo sapiens

<400> 29743

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tgaatatttt	tgatcctgtg	gttggttgaa	tccacagatg	tggaaccac	agatatgggg	180
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<210> 29744

<211> 452

<212> DNA

<213> Homo sapiens

<400> 29744

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aaaacggggg	ggatgtgcca	tcaccagggt	ggacatgcc	ggtgttctgc	gtcttagaga	180
cccttdgccc	atgctcccca	agctcgggga	gtaaaactgg	gctatcccc	gtcagggcgg	240
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ttggactaga	ggaaagaaga	aggcarggtg	gractgatgg	gctcagtggg	gragcagggc	420
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<210> 29745

<211> 143

<212> DNA

<213> Homo sapiens

<400> 29745

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<210> 29746

<211> 123

<212> DNA

<213> Homo sapiens

<400> 29746

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<210> 29747  
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<210> 29748  
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 <212> DNA  
 <213> Homo sapiens

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<210> 29749  
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 <212> DNA  
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<400> 29749  
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 <212> DNA  
 <213> Homo sapiens

<400> 29750  
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<210> 29751  
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 <212> DNA  
 <213> Homo sapiens

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<213> Homo sapiens

<400> 29752

aactttat	aaattgttag	tggctgtgat	tctaaaagca	tgaatctgta	atagatttta	60
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gacaggtcgt	ttttaaatct	ctctttgaca	gtctccagaa	agtaggggta	gacctcccc	180
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<210> 29753

<211> 148

<212> DNA

<213> Homo sapiens

<400> 29753

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<210> 29754

<211> 173

<212> DNA

<213> Homo sapiens

<400> 29754

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caamctctcg	agtagctggg	rccamagggt	samaccatca	tgcttggtta	atg	173

<210> 29755

<211> 148

<212> DNA

<213> Homo sapiens

<400> 29755

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<210> 29756

<211> 311

<212> DNA

<213> Homo sapiens

<400> 29756

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ttatggaata	taatcttcat	cacataatct	aaaaattgtt	aatagacatg	gtaagggtact	180
ggtatttgct	tttcataata	gatgtgttct	ttagaattgg	ggtataaatc	gtttttat	240
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<210> 29757

<211> 158

<212> DNA

<213> Homo sapiens

<400> 29757

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<210> 29758

<211> 373

<212> DNA

<213> Homo sapiens

<400> 29758

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gaggattgct	tgagtcgagg	agttcgagac	caatctgggc	aacatagtaa	aactccatct	180
ctacaaaaat	acaaaagtta	gccaggcatg	gtagtgcaca	cctgtagtct	cagctacttt	240
ggaggctgag	gtgggaggat	tgcttgaacc	cgggtagccg	aggttgcggt	gagctgagat	300
cacaccactg	cactccagcc	tgagcgacag	agtgaaccc	tgtttcaaaa	caaaatatgt	360
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<210> 29759

<211> 216

<212> DNA

<213> Homo sapiens

<400> 29759

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ttttaagaaa	taattattct	aattgttttt	gtttgtttgt	ttttgccttg	tdmactagcg	180
ccaaggaact	gcagcaaata	aactccaact	ctaccc			216

<210> 29760

<211> 56

<212> DNA

<213> Homo sapiens

<400> 29760

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<210> 29761

<211> 156

<212> DNA

<213> Homo sapiens

<400> 29761

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<210> 29762

<211> 169

<212> DNA

<213> Homo sapiens

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<210> 29763  
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 <213> Homo sapiens

<400> 29763  
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 aatatcaaaa tttatgatgt taatataatt agactcttag agaagagaaa ctgac 175

<210> 29764  
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 <212> DNA  
 <213> Homo sapiens

<400> 29764  
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 caccgcaccc agccagaaac tcctgttttt aaaactatca gatctggtga gactccttca 180  
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<210> 29765  
 <211> 192  
 <212> DNA  
 <213> Homo sapiens

<400> 29765  
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 <212> DNA  
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<400> 29766  
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 atccttgact 130

<210> 29767  
 <211> 202  
 <212> DNA  
 <213> Homo sapiens

<400> 29767

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 gatggggcta gtgtcttaaa gggagwagaw atgaattgggt agaacagagg aaattcagtt 180  
 caaacataga aaaaggaagc ct 202

<210> 29768  
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 <212> DNA  
 <213> Homo sapiens

<400> 29768  
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 cccaaatgta aattccatca tcatcttgat catgatgggg ttactcctg ggaaagggag 180  
 tttttaaaaa agagagagag agagagct 208

<210> 29769  
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 <212> DNA  
 <213> Homo sapiens

<400> 29769  
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 atgaggcaag ggaaggctag cgcagaccag gagacaggcc cccc 104

<210> 29770  
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 <212> DNA  
 <213> Homo sapiens

<400> 29770  
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 aagaaaaagt atgaaacaag ctaaaagtaa gtttacttta gaaaacttct ctcactcac 120  
 ac 122

<210> 29771  
 <211> 108  
 <212> DNA  
 <213> Homo sapiens

<400> 29771  
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 cagggatggt ggcgcgcg cgccgcgga gcccggggac cccgccca 108

<210> 29772  
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 <212> DNA  
 <213> Homo sapiens

<400> 29772  
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<210> 29773

<211> 451  
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<213> Homo sapiens

<400> 29773  
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ccattgtgtt tagttttgaa aatgcnttcc tcctaaactca ttttctctta cattagttta 240  
aaatactata ataggaataa tatgaattaa acaaatacag aggggggtaaa aatcccactc 300  
acaattactt gtctnntatc accctttgtt gattacattt acactgcgaa ttgttatattt 360  
cacattggta ttattaatgt gcattttgaa actataacat taatttgatg aatcaaattt 420  
tattagttca ggtcattatc ttttttcccc t 451

<210> 29774  
<211> 271  
<212> DNA  
<213> Homo sapiens

<400> 29774  
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ctagtgtatg ttttaacacct ttttaaataat gtggtaaate tccctctttt attttttaga 180  
caggggctca ctctatcacc caggctgaag tgcagtgaag tgctcactca tagctcactg 240  
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<210> 29775  
<211> 201  
<212> DNA  
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<400> 29775  
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tgaacattct gtgatctatt ctgaaagata tgacaatttc tattctctaa ttttcttgcc 180  
tagagtgtga caggtgcaac g 201

<210> 29776  
<211> 268  
<212> DNA  
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<400> 29776  
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tctattatga atactgctgc catgaacata cacctgaatg tgtctttata atagaaaaat 180  
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tttaggtctc tgaggaatcg ccacaccc 268

<210> 29777  
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<212> DNA  
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<400> 29777  
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ccaggtttat ccttagtcta actgcaaggg atagaacctg ccctagggtca caatcattct 180  
gtccaatcca gccaaagggtc cctccacata tgaagatgga ccatggcagg atacaactga 240  
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<210> 29778  
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<212> DNA  
<213> Homo sapiens

<400> 29778  
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catgtgggtg cagtggacat ggaaagtaaa cactgctata aacagagaat aataaattgt 300  
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cctca 365

<210> 29779  
<211> 227  
<212> DNA  
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<400> 29779  
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ctaaaggatc aggatgatgg tagaacggag atctgggtt cagagctttc ccatttaaga 180  
aaaatagatc ttgagattct gattcttttc caaacagtcc cctgtta 227

<210> 29780  
<211> 216  
<212> DNA  
<213> Homo sapiens

<400> 29780  
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cactcatttc caaagggtcag caccttattc ctacgtcccc tgtgatgagg ttgtttcata 180  
catttggaat atagttagac tttttgtcgc agtctg 216

<210> 29781  
<211> 332  
<212> DNA  
<213> Homo sapiens

<400> 29781  
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gaatttgaat gtaaaataca acaatgataa aagtagggat tatactcgac ctgatcttcc 180  
atctggggat ggacaacctg cattggacct agctattgct gcagcatttg ccaaggagac 240  
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332

<210> 29782

<211> 152

<212> DNA

<213> Homo sapiens

<400> 29782

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ggagtgcagc attgcaatcc tagttcacca cc	152

<210> 29783

<211> 286

<212> DNA

<213> Homo sapiens

<400> 29783

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cattgagccg agattgtgcc attgccctcc agcatggggg acaagtatga gactctgtct	180
caaaagtaaa taaataatta atttaattaa ttaaaataaa ggtagtgtca ggtactcat	240
acatagagaa taacataaat gtatacatct caaccttacc ccgaat	286

<210> 29784

<211> 403

<212> DNA

<213> Homo sapiens

<400> 29784

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catgcctgta atcccagcac tggttgaggc tgagacaggc agatcatctg aggtcaggag	180
ttcgagacca gtctggccaa catggcgaaa cctcatctct actaaaaata caaaaattag	240
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cttgaacctg ggaggcagaa gttgcggaga gctgagatca caccactgcc ctgcagcctg	360
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<210> 29785

<211> 258

<212> DNA

<213> Homo sapiens

<400> 29785

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cagaagacaa agccagggtga gggctggaag cgggctaggg ggatcaagct gcctccctcc	180
cttgtgtgcc aggggtgggtc cccagaagga gctgatctga acaggncgga gagtaggacc	240
ggccgtcaca cccctgc	258

<210> 29786

<211> 301

<212> DNA

<213> Homo sapiens

<400> 29786

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gaaatgaaaa	ggtactgcta	atgtgggcca	scgdccagcc	ctgaraggcc	atctgacgaa	180
gaggaaaagg	gatttgagtc	cggagggcgc	trrcctgggt	gccaagcaa	ggaaagaaat	240
aatgaagaga	cacatgtgtw	agctgcagcc	ttttgaaaca	cgcaagaagg	aatcaatag	300
t						301

<210> 29787

<211> 262

<212> DNA

<213> Homo sapiens

<400> 29787

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ttattgtatt	canttcacat	attttcttag	aataacttga	attactaatg	accccttccc	120
tttccctcct	gctgccctgt	ccaccckctt	tccccttcta	acatccttag	agggatgaaa	180
tctcagcata	tggtgcagga	caccaaagg	aagaaaacaa	tawgcaadt	aaaataaaca	240
gtmwaacaaa	ccaggagttt	aa				262

<210> 29788

<211> 321

<212> DNA

<213> Homo sapiens

<400> 29788

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gaaagtgaga	gccttccctc	ttcctcacia	actcctaagt	accctgagag	caataggact	180
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cctatggaag	agaaggaact	tctttcaccc	ctcagtgagc	ctgatgacag	gtaccactt	300
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<210> 29789

<211> 186

<212> DNA

<213> Homo sapiens

<400> 29789

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ttgcagttag	ctaagatcac	accactgcac	tgactccag	actgcgcaac	agagttagac	120
tccgcctcaa	aatatataca	tataaaataa	aataaaaaat	aaagcttatg	agaaattaac	180
cctccc						186

<210> 29790

<211> 348

<212> DNA

<213> Homo sapiens

<400> 29790

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gacttttcgg	ttccccgccc	cgccaggtgg	cggggcmwaac	taggcstccg	ggcatccccg	180

gtctcaagta	ggcctcatct	gccggcaagg	gygcccga	cgcgaggagc	gccatgtcgc	240
tggttgctta	cgccagcagc	gatgagagcg	agccggatga	ggctgagccc	gagccggagg	300
aaagagragg	rcggtggctc	ctacatcttg	gcccgcctta	gggggctt		348

<210> 29791  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<400> 29791						
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gcaagaaacc	tgacaatatt	gttgctttct	tcaaaagtaa	tttgactga	tctcattttc	180
agtttaagta	actgctgtta	cttaagtgat	tgcacttttc	tcaaattgaa	gtttaatgga	240
ataatagttc	tcaggatagt					260

<210> 29792  
 <211> 142  
 <212> DNA  
 <213> Homo sapiens

<400> 29792						
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aaacctcttc	acacctgggc	tc				142

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 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 29793						
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tggtctgtgt	cctcgtcaaa	agaaaaccac	cccgggaccc	actgttctat	gtgtatgcag	240
tttttgsatt	taccagcgtg	gtgaacctca	tcataggact	ggagcaagat	ggaatcattg	300
acgggtynat	gacacactac	ttgagagagg	gtgaaaccgt	atctgaamac	cgcatatggg	360
cacatgatct	gctactggga	tggctctgc				389

<210> 29794  
 <211> 94  
 <212> DNA  
 <213> Homo sapiens

<400> 29794						
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acacaggaag	gggatcatca	cacaccgggg	cctt			94

<210> 29795  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<400> 29795

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ttgtagaatt	aaggacctaa	agcctaata	agttggcaat	aaacagtgc	gtgtggctgc	180
caagagtttg	ctattagaaa	gtctgtgttc	aggttccgcc	ttgtgcattt	ggatcagcta	240
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<210> 29796

<211> 258

<212> DNA

<213> Homo sapiens

<400> 29796

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tccgctcctc	gccgatagg	gctggggaga	gacggtagg	gctcggattc	cagggaaagg	120
actcytttaa	aaaaagaagg	gggagaagaa	agattgcaac	cactccctgt	tggagaggcg	180
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<210> 29797

<211> 416

<212> DNA

<213> Homo sapiens

<400> 29797

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gccctgaaca	gtcagggagc	taacaaactg	tagctcactg	tccagcttct	ctaataagaag	300
tctctggttg	tttgttgagc	ctgtaagggc	aaattcaaca	atgtttgtga	taaatatcag	360
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<210> 29798

<211> 168

<212> DNA

<213> Homo sapiens

<400> 29798

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<211> 385

<212> DNA

<213> Homo sapiens

<400> 29799

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ccccgagtat	tggwcaggcc	tgggtggcatc	acgtttttca	catcyccgca	tctggaccct	180
gcncaaagca	aggctgatct	aggcagtctc	attgctggag	atgactgtca	gctgctttct	240
ctgcatagcc	accatcacat	gcctcaccac	tggagcctgg	gaagcctgac	cacaaaccgg	300

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<210> 29800  
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<212> DNA  
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<213> Homo sapiens

<400> 29801  
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tccaaatcca aagccagtct ctcaagttgt aatggctcaa agagcagtga ccacaatggg 180  
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<210> 29802  
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<212> DNA  
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tcggrgcwt agcccttctt ccctaagcag ctctgaaggc agttcttctt cttcttcctc 180  
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gggctaccag cctgagtatt ccaagttctg ccgcatgank aaybaaggna tccagctcag 360  
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<212> DNA  
<213> Homo sapiens

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acaaaagggt aaaatwagca gcacatataa ttttttttta atttatgatc cattttgtat 180  
ggtctcaaag ttggatgacc tcattactaa tatttgttgt aaaagtgaat cttgtttgcc 240  
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taatcagtct ttttattttt ctgcctttt tttctttctg ttttcaatac ataaactttg 360  
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ctaagcacia aatcatacag gtttgca 447

<210> 29804

<211> 201  
<212> DNA  
<213> Homo sapiens

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gagggcctgg ctcccgaagt t 201

<210> 29805  
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<212> DNA  
<213> Homo sapiens

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tgctgccccaa atttcgatga gtctcttttg aaagtacata catctcaagc cttgagatta 180  
gagaagtgag g 191

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<212> DNA  
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accggggcgg tcatacatcg attggcttcc tagataatag atcgtgccac ccggtaggga 180  
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<210> 29807  
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<212> DNA  
<213> Homo sapiens

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ttagtattgt ggcgggggt 79

<210> 29808  
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<212> DNA  
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<400> 29808  
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<210> 29809  
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<212> DNA  
<213> Homo sapiens

004220"666T560

<400> 29809

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<210> 29810

<211> 316

<212> DNA

<213> Homo sapiens

<400> 29810

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ttacatctta tccagtgtaa acatttttagt taataatata tacattactt catcttatac	180
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aggggctttt atgcaagctg cagattgttt agcaccttct taagagattt tacaccctg	300
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<210> 29811

<211> 415

<212> DNA

<213> Homo sapiens

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acacaggcac acagagactt attcaaaaga tcatagaaca ctctccccta tgtcttacga	180
ccccaccagc agtgttctgt gtaatagtag attacagttg aaatagctgt aagacaccaa	240
ttctctcaga ggagtactta ggggaagtcct aagtcaagag cagaaacaaa agacactaga	300
ggaatttggc atttctggtg cctctagtaa cagcaaaaca ttaaacaag cccaattcct	360
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<210> 29812

<211> 217

<212> DNA

<213> Homo sapiens

<400> 29812

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taaggaaggt tggagacata acatatttga ggggtgtgtc aaaagatgag tttgacatta	180
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<210> 29813

<211> 217

<212> DNA

<213> Homo sapiens

<400> 29813

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htgwagcacg atgcttctga aagaaccggw caaaaagtcc acacgctgtg tgattccatt	180
catamcaacg tccagactag gccagtccgt acagaca	217

<210> 29814

<211> 83  
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<400> 29814  
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<210> 29815  
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 <213> Homo sapiens

<400> 29815  
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 cataghgtwa ctctgtaagc tatgtctatt ttaattttta atttttattt attattattt 180  
 gagatggagt ctcgctttgt tgcccaggct ggagtgcagt ggtacagtct caactcactg 240  
 caacctctgc ctcccagggt caagcgattc tctgcctca gcctccagag tagctgggat 300  
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<210> 29816  
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 cctgggggaa ttcacccaaa cttgccatcc tgaaatggtc tccagagtag agtgactccc 180  
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<210> 29817  
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 ttttttgtwt tgttggtgtt gttgtgtgtt ttgtttagtt tttgtagata aagggtcata 180  
 ccatgttatc caggctgac ttgaactctt gggctcaagc aatcctccca tctcagcctc 240  
 ccaaagtgca aggattacag gcatgagcca ccacatttgg cttgtctctt taaaaagtca 300  
 tccatcaaca cctgtgaaaa gaaggggggt a 331

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<400> 29818  
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ccagcagtcg tgrmggtggg ggamtccmmg gaaggaggac tacgggttgg acgagatatg 180  
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<210> 29819  
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<400> 29819  
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<210> 29820  
 <211> 104  
 <212> DNA  
 <213> Homo sapiens

<400> 29820  
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<210> 29821  
 <211> 86  
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 gttatgttag tctttttttc cgactt 86

<210> 29822  
 <211> 156  
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<400> 29822  
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<210> 29823  
 <211> 54  
 <212> DNA  
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<210> 29824  
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<213> Homo sapiens

<400> 29824

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attgtgawcc tttgtaaacg acttttcatt ggcatactctg tagcgttggt taatacagtt	180
ggctccacat tatctcaagt ttaaattaat tggactgttg tagtaaaacg actggaatta	240
ttggaattgt ttaagccagc tgattgagat tcacattcac tttccaaaat actgctat	300
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<210> 29825

<211> 103

<212> DNA

<213> Homo sapiens

<400> 29825

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<210> 29826

<211> 145

<212> DNA

<213> Homo sapiens

<400> 29826

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caggacaggt tggaagtgt gagtggttag gactcagga caaatctta acccatgaag	120
gattgcattt agagtttcag caccc	145

<210> 29827

<211> 169

<212> DNA

<213> Homo sapiens

<400> 29827

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tgaawgktgg aagccrgggc tcaaaacagc ctagggaatt aggcctat	169

<210> 29828

<211> 177

<212> DNA

<213> Homo sapiens

<400> 29828

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tttacctta tgcatttta aagctaact gtctctcta ccccttttt ccattgttag	120
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<210> 29829

<211> 166

<212> DNA

<213> Homo sapiens

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ttttggaatt tccacatcga cagttacgtc atctgca 157

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<212> DNA  
<213> Homo sapiens

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<213> Homo sapiens

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cattgaagaa gagcattgta caagaagcat ttaacccttc tctcaaattt tgctgttca 180  
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<210> 29834  
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gcc 183

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 <213> Homo sapiens

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<210> 29836  
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 aataatctgt tctcagaaca gacttttcaa cctgctgc 398

<210> 29837  
 <211> 77  
 <212> DNA  
 <213> Homo sapiens

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 gtgatccccc tgcctat 77

<210> 29838  
 <211> 204  
 <212> DNA  
 <213> Homo sapiens

<400> 29838  
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 tcaaaascaaa agcaaactcat tctggaaagt tattgggaac agggcaacag aggggcatcg 180  
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<210> 29839  
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gattaggarg tcccaaaatt taaaaactat aaagatattg taacttcaaa agacagaaaa 180  
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<210> 29841  
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<212> DNA  
<213> Homo sapiens

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aaaagtttga gtataaatcc tcattttctc ctcggttcta ttttggttca ttatgatgta 240  
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<210> 29842  
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<212> DNA  
<213> Homo sapiens

<400> 29842  
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<212> DNA  
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tgwcgaagtt gagagacttt tgcgtttgtt ttggcagaag ctgagtttca gtcctaggac 180  
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<210> 29845

<211> 241

<212> DNA

<213> Homo sapiens

<400> 29845

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taatgttgaa agatgctagg aaaaacactt ttagaataag aagaaacgtt tcctaacaaa	180
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<210> 29846

<211> 121

<212> DNA

<213> Homo sapiens

<400> 29846

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<210> 29847

<211> 425

<212> DNA

<213> Homo sapiens

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taaargcctt ctatttttag tagagattat atgattttca taataaacat agcccatctg	180
gctttacatc ttttaacaaat ttgtgtcata tcagtttttc agatttaagc acttttttgc	240
ttaacttgcc aaacttaaaa caagtctagt tgaaaaactt tgtgagaaag aactgggcaa	300
aatgtcagtt gatttccaca agctagtttt ccttgtacac ttacaaagac cataaaaatt	360
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<211> 241

<212> DNA

<213> Homo sapiens

<400> 29848

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aaggagagtc ctcaattatg tttcagttcc aacacatttt tgatgaagaa tgtataagct	180
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<211> 297

<212> DNA

<213> Homo sapiens

<400> 29849

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aactyaggga	aargaargcc	gwttttctca	tttcatgtgg	acttcgtatc	aggtggagca	180
tttactttaa	bvggtgccam	gccacctttt	tctgtwcttt	ccctgagtca	tactgctgct	240
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gractacagg	catgtgccab	tatgaacggc	taatttttgt	ctttttggta	gagacagggg	180
tttgccatgt	tgactggtct	cgaattcctb	rcctcaagtg	atctaccac	cttggcctcc	240
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 <212> DNA  
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<400> 29853						
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 <212> DNA  
 <213> Homo sapiens

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ctggaaaaat	gcaagagttt	ccacataatc	ccaaaaaacc	ctaaagggtga	actgggatgcc	180
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<400> 29855						
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agatttaact	aatatatatt	atTTtatatc	tttgttgtat	taaaatgttt	aamaacacta	180
aaaataaarc	attgamagt	ct				202

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 <212> DNA  
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agggtgagcc	actggactct	tgccagaact	acggtgcaag	ccccattgtg	tggtgcaga	180
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gaacatagtg	agttttttat	tttgtttaga	agaaatacat	aagaaccagc	caagcctggt	300
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aaagtgkgt	acacttcccc	cttcaactctc	tttcttcttc	tctggccata	taagacatgc	180
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<210> 29860  
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 <213> Homo sapiens

<400> 29860  
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<210> 29861  
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 <212> DNA  
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<400> 29862  
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<210> 29863  
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 <212> DNA  
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 ttaaaatttt gataaatgca ttgaaaacct ttcaagaaaa attataccaa ttgacatccc 180  
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<210> 29864  
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 <212> DNA  
 <213> Homo sapiens

<400> 29864

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<210> 29865  
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 <212> DNA  
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<400> 29865  
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 caaattgtag tgctgaaaa cactcttaag ctgattgtct taacaaaatg aaagtctctc 180  
 aaagacaaaa cagaacaatt attataataa aataattatg gttgaaatgt ctgtgggttc 240  
 ttggaaatgc tgcgtcttc 260

<210> 29866  
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<400> 29866  
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 atggtaaagt tgttttggac ttgtttttgc tcagcatgaa gttttatatg ctgcatttta 180  
 ctaattccat atttaacat atttttaata caaaagaaca ttagagtata gatcatgtga 240  
 aatgaagggc gc 252

<210> 29867  
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 <212> DNA  
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<400> 29867  
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 tacctcagrr catttkcayg ttacttgtag gtatcataaa atatcacact tgtcaccacc 180  
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<210> 29868  
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 <213> Homo sapiens

<400> 29868  
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&lt;400&gt; 29869

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aagtggctgg	ggactacagg	tgcgtgccac	catacctggc	tagtttttgt	attttttagta	180
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cgccttggcc	tcccaaagtg	ttgggattat	aggcgggagc	caccgcaccc	agtctaatta	300
ttttcttttag	aggaactggg	tattattttag	tcaaaacttg	ctatcaaaat	agtttttcat	360
ccaagtttaa	tgataaaaat	aacagatatc	cattgtctgt	tttctgtctt	gtctgccttt	420
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&lt;210&gt; 29870

&lt;211&gt; 252

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29870

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gctgagccga	aatataagaa	taatataatt	gtgcttcgag	ttgggtgttc	tttcagtgtg	120
atgcatgcag	tggtcacaac	ccagttactc	ataatatttg	gattgtattt	gttcgtagat	180
atgccagaa	gactagagaa	ttagtgttat	ataccatata	gaacttactg	tcagtcaact	240
ataaacaggc	cc					252

&lt;210&gt; 29871

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29871

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gagcagctct	gttttccttc	tacttcccct	cttctttcac	atctcatgac	caagcacttc	120
ctattctgtc	tcccaaata	tcacagactt	tttctccac	ttttgtcact	gccactgccc	180
ttagcattac	tctgccttta	gagaaagtct	cttaattggg	ttgggtgcdt	ccttcagtct	240
ttattataca	gaccactaca	cgcacatctg	acagagactt	ttcacctttt	tatgggttgaa	300
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&lt;210&gt; 29872

&lt;211&gt; 177

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29872

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cacttatgat	cttcttgggt	caggttccat	agaagcagag	cctgagatgg	tggaggctct	120
tgtggagatg	atatactgaa	ggataactcc	caggagaagg	gagcaagga	agcagct	177

&lt;210&gt; 29873

&lt;211&gt; 129

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29873

catcccacga	tggccttgg	taaccgccc	ggtagatcat	ttttatcccc	ccaggragtg	60
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 maataagtca ttctccctct tct 143

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 aaaatgcttt atgcacatta tttttctggt aatgcttcac tagtcaactgt cgctgtcctg 180  
 gagctgattg aaattgggtca gtttcccata agagcaaagt gtttttgggt tcctttttca 240  
 gggaaataga tttctgtgat gaaagaagtg aagtataata aaaccctcat gctttgacct 300  
 ggcnntcacc gaagcatgat tmagattctt tttttgaggc caatatactt agacatgtaa 360  
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 tgtaaatgtt ttgttgctag ataatacgat ttgagacctg aattgggtctt tggtttccag 180  
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<210> 29878  
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 t 121

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 atctggtaat aaaatatcaa aaggaaactt caaaggaaca tctgatacaca tggtagcctg 180  
 ttaaaccta taccaagtaa ttcctgaaga tttggaagaa tggattatga tccttcacag 240  
 taaaaacaaa atacaggaag ataacacagc aatcataatt aacagaaaga aagaaattca 300  
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<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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ggtat 425

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<212> DNA  
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<400> 29887  
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 aagccacact ctcttctaca cacaaattcc tcctctctga gtttaaaaaa ataccagtat 180  
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 gtagctggga ttacagggtc acaccwctaa gcctkvctaa ttwttgtatt tttagtagag 180  
 acggggtttc accgtgttg ccaggctggt ctogaactcc tgnccctcagg tgatctgccc 240  
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 <212> DNA  
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 acctttgagt gtaaaactaag gtagactact ttgggaatga gaacatgcaa aatcaggaaa 180  
 ggctgtagaa ggaaatatac cttaacaggc tgatttgagg tgagccagam naaaaataa 240  
 aactctcatt atttgtgtgg ctaattawaa ttcagcgta ttaagcaca taaagaccaa 300  
 aaaa 304

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<400> 29895  
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 tagggaaaaa agtggattga actaagttag atttacagtg aagttttcca gtgtacaaac 120  
 atatatkytt atatttatar kcagtaaatg tatacttaac cagctttttt tcacttgata 180  
 ttttcttgca tcccaaaact aatgacactt gatcaggcca cttagctttca cctaactgct 240  
 ctacactgat ccaaacttga ttccctgctt c 271

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 <213> Homo sapiens

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 ttgtattcca atatacgtat gattggggct acaaagctga actaaagcaa gattggtgaa 180  
 gygncagggt ttatagagag aagcccaggc tgagttcagc ttttgttgga agtgagaatc 240  
 cctgacatat agctttcttg gagatcccaa ctctcattct tgggtgcaact ggcttcacgc 300  
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 actgataacc 370

<210> 29897  
 <211> 157

<212> DNA

<213> Homo sapiens

<400> 29897

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aaaacctgca	cataaatggt	cataacagct	ttatttgtaa	cagrcaaaac	tggaaccca	120
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<210> 29898

<211> 79

<212> DNA

<213> Homo sapiens

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<210> 29899

<211> 229

<212> DNA

<213> Homo sapiens

<400> 29899

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aaaacaaact	tggtctttgc	agcttatcac	cttgtgaatg	tcggtaactt	acttttccat	120
aatattgcaa	ataacataaa	atcttaaaat	aattccaagc	tgagtcttct	agattgagca	180
gaaatgggtga	aaggagtatt	gataacttgg	cgtatgtgat	gggccccaa		229

<210> 29900

<211> 447

<212> DNA

<213> Homo sapiens

<400> 29900

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cctttatggh	aggcactctg	caaatgcaac	ttaccaaacc	taggggaagc	tgtcagcctt	180
ggtttctttc	tccctattga	gttcctttct	ctccagttcc	atctcagagg	taagggtgat	240
bnttgactct	ccacaggaga	gtatagattg	ttagccattg	gatggatggg	tgaatggatg	300
ggtagttggg	tggccagggtg	agtagataca	taggacactc	aggcactarc	ctgtttactg	360
ctctgnnbct	agtaagtawg	gtttgggagg	ccaaggarac	agttacttac	cactgggtttt	420
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<210> 29901

<211> 256

<212> DNA

<213> Homo sapiens

<400> 29901

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gagtagctgg	gattacaggc	gcctgccacc	acgcccggca	atttttttgt	atttttagta	180
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 <212> DNA  
 <213> Homo sapiens

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 ttaaatacata agattataaa atacttcttc tckkgcacac kgtaccaccg cgccncaggg 180  
 cscat 185

<210> 29903  
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 <212> DNA  
 <213> Homo sapiens

<400> 29903  
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 tcaggacact gtgatgattg cgtaactac acaaattggt tgtaaagcat ctgtgtttaa 180  
 acaatatgaa atctgggcag cg 202

<210> 29904  
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 <213> Homo sapiens

<400> 29904  
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 tttttaacac ttggaatatc taattccatt tacactgcat tcttcaaata taattttcaa 180  
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<210> 29905  
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 <213> Homo sapiens

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 ttaacacccc actgtcaata wtagacarga ycaatgagac agaraattaa caaggctatt 180  
 caggacttga actcagctct g 201

<210> 29906  
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 <213> Homo sapiens

<400> 29906  
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ttttgaccag ctgtg

195

<210> 29907

<211> 205

<212> DNA

<213> Homo sapiens

<400> 29907

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ccagcacttt gcgargcgag gmgggraggmt catgagggtc aggagmtcag grccatcctg	180
gctagcatgg tgacacccca kccca	205

<210> 29908

<211> 186

<212> DNA

<213> Homo sapiens

<400> 29908

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gtcttccctt tatagtaaga cattgtcact caataataat atgcaagata acttcgtgat	120
agtaattgtt gttttgtctt tgtaattaca gacatatcaa gtggatttga agcccaatgg	180
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<210> 29909

<211> 205

<212> DNA

<213> Homo sapiens

<400> 29909

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taagtattgt aataagtatt ggaaccagga tttatctctt tctggaacct ataactattg	120
ttttaactgc cttctgattt tttcttaatt cataaaagat tggatggaa aactatgcta	180
atttatttnc ttaaaaggga gtgcc	205

<210> 29910

<211> 83

<212> DNA

<213> Homo sapiens

<400> 29910

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<210> 29911

<211> 420

<212> DNA

<213> Homo sapiens

<400> 29911

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ggctgaacat gtgggcttga atttgggtac ttccccgctc tggaatgata ctggatcctg	180
tgtaagaat ctttactgaa tctttgatct tgccctctcc actgggccct tttcacttct	240

gaatacacac	atdddggddd	acdtgctcct	aggtdaatat	annaaaccaa	caagcaaacc	300
aaactcctac	cacttattca	acatatcttt	tctgtgttct	tttdgttggt	gttagtdttt	360
tttagcacta	aacttcttaa	aagtagacct	cacttgcttt	cacttcttca	tgcttctcaa	420

<210> 29912  
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 <212> DNA  
 <213> Homo sapiens

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aattaatgta	gaatttttac
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	aacttttttc
	agatactttc
	tggcccaat
	60
	120
	180
	229

<210> 29913  
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 <212> DNA  
 <213> Homo sapiens

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	catttccagt
	agtttttttt
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	60
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<210> 29914  
 <211> 443  
 <212> DNA  
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actgagagaa	tggaaatgact
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taagaggagg	cgggggatcc
	act
	60
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	180
	240
	300
	360
	420
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<210> 29915  
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gggcgagctg	gtggagtcca
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	420
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<210> 29916  
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 gctggcaatt gatttttttc tcatcaacat tatatgaaac agcattgagt gaaactgtgn 180  
 gatttgaaga cctgtttagt ttccttggga aactgactca atgtcatgac cttactttat 240  
 caatttctaa cctgcatttc ctgtatccga cagctctcaa ggctaaacag tacaaaaatg 300  
 gaaaaagaga agtggattaa gttaaccaga gtatcattgt atcaagtctc acttacaaat 360  
 tagaaaaagt ttaaaaaata caatatgcnk aaattgtgta actcgaaaca ttttcccatg 420  
 tattcatagc attacawtct gaw 443

<210> 29917  
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 tgactgagat ccgcagtcct ttggagagat cccaattgta gagtcagaaa taaagaaaga 180  
 agctggtgaa ttaaaacctg aagaagaaat aactgtaggg ccagttcaga aattgggttac 240  
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<210> 29918  
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 <212> DNA  
 <213> Homo sapiens

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 tatctcctaa ttttttgtat tgattacatg ttgaaatgtt aacattggaa atattgggtt 180  
 aaagaaaaat acacaattaa aatgaatctt ggccaggcgc agtggctcac gcctctaate 240  
 ccagcayttt gagaggccag ggtgggcagg tcacctgagg tcaggagtgc gagaccagcc 300  
 tggccagtgt ggcaaaaccc tgcctactaa aaatacaaaa attagccagg catggtggtg 360  
 cgcacctgta gtcccagcta cttgggaggc tgaggcagga raattgcttg aaccaggag 420  
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 ccatactctt tgtcttttgg ctctctctct tctctctccc tccctccctc cctctcttcc 180  
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 atcaaatttc ttggtcacac ccagaaagaa gtagcaagg tgtaaaataa tcagccattg 300  
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<210> 29925  
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 tacggcagga ggccgagcaa cttaagaacc agattcgaga cgccga 166

<210> 29926  
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 <213> Homo sapiens

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 ctgttgaaac ccaccctata tgtaaatatg agccctttcc cttatctctc caaaagcagc 180  
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<210> 29928  
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<210> 29929  
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<210> 29930  
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ttgtgttctc ttttatagat aaagaaacta aggtacagag agctgaagag acatgcccac 240  
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<212> DNA  
<213> Homo sapiens

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<210> 29932  
<211> 398  
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<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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<210> 29934  
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<212> DNA  
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<210> 29935

<211> 105

<212> DNA

<213> Homo sapiens

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<210> 29936

<211> 204

<212> DNA

<213> Homo sapiens

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 tgctagttag aaaggcttga gcttttgaag cttagctgtt tgagctacct acgggtttgg 180  
 aaaaaaaaaa aatcttacca tggt 204

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<211> 203

<212> DNA

<213> Homo sapiens

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<210> 29938

<211> 110

<212> DNA

<213> Homo sapiens

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<211> 381

<212> DNA

<213> Homo sapiens

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<210> 29940  
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aatagcacia	actgttaaag	tagaggagga	agggccaggt	gtgggtggctc	acacctgtaa	180
tcctagcact	ttggggagcc	aagggtgggta	gatcacgagg	tcaggagatc	aagaccatcg	240
tggataacac	agtgaaaccc	cgtcttttact	aaaatacaaaa	aaattagccg	ngcac	295

<210> 29941  
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 <213> Homo sapiens

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aaaacaaaat	tta					73

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 <212> DNA  
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<400> 29942						
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 taatttgtgt caatcagttt gttcacattc acaatactgt atacgtaata cagtttccaa 240  
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 tggtgtaa at gggattactt tttgcatttc tttchnnsaa ttgttcagtc agcatacagg 300  
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 aatttttaaa ttatttaata aggtgaaata gtatggttta atggctaaaa acatgggctt 240  
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<210> 29959  
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<210> 29967  
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 cctgcctaa 369

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 aatttacagt tggctatgct ttcttattgt gcatactatg aaatgttttt cttcaaaaag 120  
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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

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<210> 29972

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 200

<212> DNA

<213> Homo sapiens

<400> 29974

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 aatatctgtc ttctccagaa tttgtgttaa aatttaaccc ctaatatgac agtattgaga 240  
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tgaatattgt gaaaatggca gtaatcatag ctgttgatta ttatttgtca aatgccccca 180  
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&lt;210&gt; 29990

&lt;211&gt; 123

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29990

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ttc						123

&lt;210&gt; 29991

&lt;211&gt; 309

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29991

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&lt;211&gt; 376

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 29993

&lt;211&gt; 135

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29993

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&lt;211&gt; 184

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tcca 184

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 tcagtgtctag gtcccataggt attgtcggtt cccttggtta tgaggtttct ctgttcagcg 240  
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 gtractggcm aggcagggga mcacctgatc tttggtgtta aaagacctga ataacttcc 180  
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grdadggcaa htcgatcaka tgtatttcat gggcagactc tggctgagaa tgtgctgtgt 180  
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aaaa 64

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<213> Homo sapiens

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actttgggag	gctgaggcag	gcggattacc	agaggttggg	agttcgggac	cagcctgacc	240
aacatggaga	agccctgtct	ctgctagaaa	tgcgaaattg	gccgggcgtg	gtggcacatg	300
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<211> 321

<212> DNA

<213> Homo sapiens

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tcactttacc	ttccctatcc	aagtgtttga	agttgggagg	gaaggcatta	taggtgctta	180
atcaatgacg	gctggataat	attaataata	aaagaatgaa	aacaggaatg	gtgagcccat	240
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<210> 30017

<211> 103

<212> DNA

<213> Homo sapiens

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<211> 120

<212> DNA

<213> Homo sapiens

<400> 30018

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<210> 30019

<211> 151

<212> DNA

<213> Homo sapiens

<400> 30019

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<210> 30020

<211> 448

<212> DNA

**09-03-2017**

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gatatgaaat	tctgggktmg	aaaattcttt	tctttaagca	tgttgaatat	tggccccac	180
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tggnnttgct	cttcttgagg	agtatctttg	tgggtgttcyn	ngtattdccw	gaatttgaat	360
gttgctcctgt	cttgctagggt	tggggaagtt	ctcctggata	atatcctgaa	gagtattttc	420
caacttgqtt	ccattctccc	tgtcactt				448

<213> Homo sapiens

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<213> Homo sapiens

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yacawtkggt	yckaggmvag	aaasgatr	cctaccgmag	atctcaaata	aaattaaatt	180
gagaaagcag	atctttcaag	ggaatgaggc	ggaggctcgc	ttttatgtta	aaagccacca	240
gcacctcct	tgctagacat	ggacatgaca	tttttaaagg	aattatctgg	ttacnnngtt	300
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<213> Homo sapiens

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<213> Homo sapiens

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gctcgatctc tascctgatgc cccccccgt                                     149
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 ttttaaattt cctwtagagv hccgtaacct ggctagttat ttwacttttt gtagagacgg 180  
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<210> 30026  
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 <213> Homo sapiens

<400> 30026  
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<210> 30028  
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 gtmmtaagct tgwtaagaaa acaacatgca taaatattgg aggcagaatt ataatcgtag 180  
 gcggcagt 188

<210> 30029  
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 <213> Homo sapiens

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<210> 30030  
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 <212> DNA

<213> Homo sapiens

<400> 30030

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tacacaactg	ggggtagaat	tcctccaggc	tcagctggag	atcttcttcg	catytcattt	120
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<210> 30031

<211> 285

<212> DNA

<213> Homo sapiens

<400> 30031

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agcttrttgc	agccagaagg	tctctaattt	aaataaattc	tggttgtgtt	aatcaccaaa	180
gatataatta	tgatcatcata	tgctgtgtgc	tttttaaata	aatgattctg	aaacagactg	240
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<211> 147

<212> DNA

<213> Homo sapiens

<400> 30032

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<210> 30033

<211> 62

<212> DNA

<213> Homo sapiens

<400> 30033

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<211> 228

<212> DNA

<213> Homo sapiens

<400> 30034

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ccacttattt	ggatttttta	aaaattttat	tcacagtgtt	ttcttatttt	attattccta	180
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<210> 30035

<211> 225

<212> DNA

<213> Homo sapiens

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tgtttaatat agttttctca ggtcaggcgt agtggctcat gtctgtaatt ctagcacttt	120
gggaagctga gacaggagga ttgcttgagc ccaggagttc gagaccagac taggcaacat	180
cgtgagaccc tgtctacaaa aaaaagaaaa tattagctgg gcgaa	225

&lt;210&gt; 30036

&lt;211&gt; 332

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30036

ataaaaaataa aaagaggatg tggatgtaga ggaaacttac tggctattag ctgttggcag	60
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&lt;210&gt; 30037

&lt;211&gt; 95

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30037

tgtgcctcag cctcccgagt agctgggaca acaggcgcg cgcacacccc gactaatttt	60
tgtattttta gtagagatgg agtttcacca tgacc	95

&lt;210&gt; 30038

&lt;211&gt; 208

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30038

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gtcctgagtt caagcaatcc tcttgctca gcctcccaac gtgctgggat ctcaggcggg	120
agcaamtgcg cctggcccga aaccaagctt tcttatccca agcgtgacc tttatcaagh	180
tgrgctaate ctttatcatc tcctaagt	208

&lt;210&gt; 30039

&lt;211&gt; 230

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30039

caatgaaaag tgcattgtca agcaagttac cactgtagat aagtggggct taaacctcct	60
gggagccagt ggggaacaca tgacctcaga gtaatctcat ctaaggggaa gaaggagctg	120
ggttttttaa acacctagtc ccataagtac ttggtttaag gctcttccag gaagtcttaa	180
ttctctgaca cttcagtga tacaggcaga acaggctcaa gmatccttcc	230

&lt;210&gt; 30040

&lt;211&gt; 110

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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<210> 30041

<211> 439

<212> DNA

<213> Homo sapiens

<400> 30041

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gagccagtga accaagggtt cacaccccag tgaaatacaa atattcagaa ttgagccact 180  
gtgttgccat actgattatg taatgtgtga ttaacaagta taatgtgyma ctttcaacat 240  
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gctcgtgtct acataataag nncttatgat ttttctttt gtctttgttt tattttttgt 360  
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<211> 108

<212> DNA

<213> Homo sapiens

<400> 30042

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<210> 30043

<211> 187

<212> DNA

<213> Homo sapiens

<400> 30043

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atttttgta atgtctggct tctttctgca gaagagttcc tctcctgac atgcacttca 120  
ttctctgctt ttctatgtct tgacaactct cttatggtag tcattttctt atactgtagc 180  
ccccaa 187

<210> 30044

<211> 97

<212> DNA

<213> Homo sapiens

<400> 30044

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tctcctgtca tttccaatct gcttttaagc cagcccc 97

<210> 30045

<211> 233

<212> DNA

<213> Homo sapiens

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ctttctttgt aggagtgtat gtgtgtatga aaagcacagt gtttgacata taataaatgt 180  
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<210> 30046  
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<212> DNA  
<213> Homo sapiens

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cccca 125

<210> 30047  
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<212> DNA  
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tgttgtcagc ctcccatgtg gagata 266

<210> 30048  
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<212> DNA  
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<212> DNA  
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<400> 30049  
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ctactgtctt ccgacccac t 141

<210> 30050  
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<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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attaagtcta ctgaaaaatt tacattttga gtcaggtttt gtgtcagtac tttagcagtt 360  
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caacttatac atgc 434

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atgttggtac ctttggttct cactgaaaca ctgtctatac cacctgc 167

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<212> DNA  
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 aagaaagacc cctccctcaa cccccctc 88

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 atttcagaaa aatgaaaatt tataatccata caaaaatcta tgtacaaata ttcataacaa 240  
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<400> 30058  
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gttggtgggc atcaaattat gyttagtagg ttactattct ctaacaactc aaggatgcbt 180  
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<210> 30061  
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 <212> DNA  
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 btccctcagc ccccgatc 139

<210> 30062  
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 gtcattctttg aataagggtt tctagttagt ttagacacaa ttaksgata agaaatgttt 180  
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 cttgctgagk gnnagagatt gttctaagct ttttaacctgt tatctcattt ggtcttcaaa 180  
 ggacctttat gagtagata ctgtaatttt cgcaatatat taaatgagaa aattgtggca 240  
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<400> 30065

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<210> 30067  
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<212> DNA  
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<210> 30068  
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<212> DNA  
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<210> 30069  
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<400> 30069  
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aatatcagat gaaataaaaa atcaaaatta actgtattat ggaaatgggtg ttaggctaga 180  
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<210> 30070  
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001220" 5667550

<213> Homo sapiens

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<210> 30071

<211> 61

<212> DNA

<213> Homo sapiens

<400> 30071

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<210> 30072

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<212> DNA

<213> Homo sapiens

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actttcactc agcatcatag gctcatgaac ttgcacagcg agggtcagga gtaaagaggt	300
aggaaatgtc tccttgggtg aggaagttac ctgctactat ctccctaaca gcatttttct	360
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<210> 30073

<211> 255

<212> DNA

<213> Homo sapiens

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aaaattcttg tctattatct ctccaaagat ttcttctgtc tcaactcttc ttttccttat	180
gggacttcaa ttacaaatat gttaaaccat ttgctatcat cctaaggatc atagatgctc	240
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<210> 30074

<211> 121

<212> DNA

<213> Homo sapiens

<400> 30074

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<210> 30075

001220" 0657560

<211> 226  
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<210> 30076  
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<210> 30078  
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<212> DNA  
<213> Homo sapiens

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tgttgtaaat acttttgctt tgaaaacttt ttcattgtcc taaatcacc tgactctgac 120  
cagtctttca gttctccaaa agccc 145

<210> 30079  
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<212> DNA  
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actcgtaa at gccactggga tacaagaagt acaagaaatg gtgtctctta aagagtttcc 180  
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261

<210> 30080  
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caccaaacct 130

<210> 30081  
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<212> DNA  
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gtcttattaa cccaatcaa tagagttgag agactatggc tttaaaaaat taatgcaaac 180  
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<213> Homo sapiens

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<210> 30083  
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<212> DNA  
<213> Homo sapiens

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 <212> DNA  
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 caccagaaac tttccaccct ggattctcta cttttgctcc atggacagag ccccgatcag 180  
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 <212> DNA  
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 aggagtttga gcggcctggc caacatggtg aaaccctgtc tctactaaga atacaaaaat 180  
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 <212> DNA  
 <213> Homo sapiens

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 taggatgacc acacattctc ctaacacggg ca 212

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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gcgctggctt	agtagcgggt	agtcctctca	gcatttgttt	gtctgaaaaa	gacttttctt	180
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 <213> Homo sapiens

<400> 30102						
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gcctgtccag	tgtctctccc	tccgtccgct	cgctctctgc	atgctggcct	ccctgtcatt	180
tctagaacac	tcaggcattc	tcttaagcca	aggcctttgt	agttgtgatt	ccctctgcat	240
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acgcca						307

<210> 30103  
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 <212> DNA  
 <213> Homo sapiens

<400> 30103						
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ctgtggctag	gatrrcaakt	acaaagcctg	aagttgcagc	agcaattgca	ttgtcatttt	240
aaccctattc	atattkgtgt	aactaatttg	gaatataatc	aaagtgaata	tccaagggaac	300
tttgtaaagg	cccatttaca	gggagtttta	cattcaatgt	tacttttgat	attaatgatt	360
cacaaagtaa	aatccttaac	ttgaataagc	agactcaagt	gcttcagccc	tctttaaaag	420
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<210> 30104  
 <211> 230  
 <212> DNA  
 <213> Homo sapiens

<400> 30104						
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ggtggtggtg	gcggggargt	cttggggggc	tctcagctcc	cgcccatgcc	tcctgatgg	180

gtggggybng ggcggcctct ctctgaggag acctcaccac ctccctcgccc

230

<210> 30105

<211> 389

<212> DNA

<213> Homo sapiens

<400> 30105

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cctggatcca acccctgctc tggaagactg agagctccac attctagctc cctttccccc	120
agtcccaaaa tttgtagggg ctcccttgaat tgcacgcccc atgggtggag gatttcatcc	180
tgatgtatga tccccaggaa gggttcctgca agtttggcag tttaggggaa tcttttggag	240
gttgaaggag ggatttagcc atctcctaata ctcaaggccc ttcttcctac tttccttctc	300
ttttacttta ctttttttcc cgcttttctt ctttgatata gacaattgat gttttctcag	360
tttcaggata gtgtaagctg aggaaatga	389

<210> 30106

<211> 314

<212> DNA

<213> Homo sapiens

<400> 30106

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tattacggcc ttttacaatt cacttgatcat ctgagattgt tctagaaact gatgagggaa	120
aagagtcgta ctaacaaaa tgaatgggca attgacataa cattctattt caggtttcct	180
tgtacttggg gagccaaagc acaagatcta aggaaatctt attcacattt gtccctcaga	240
gcatcttacc ctaagccaca gaggtataaa tagtaagatg agaattgctc attgtctgac	300
tccttgacac gcac	314

<210> 30107

<211> 117

<212> DNA

<213> Homo sapiens

<400> 30107

aataatgtac taattgcata tgatgagtaa attatcaaca gccttttaaaa attggtcata	60
taattagtaa atctatgagt ttcaacctct tcatctagat gaaatagtca tgaagcc	117

<210> 30108

<211> 239

<212> DNA

<213> Homo sapiens

<400> 30108

aaaaggttgt agatcaaaa acgctctctc atcagtatat gagagggatg acttcccata	60
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catagcattc attcatttct aaagggttaca ttaatttgac caaaagatgc tgantnacgt	180
ttttatgtat taaggagagc ataggtatac atwrtgaatg gcatgttcac cccacctc	239

<210> 30109

<211> 217

<212> DNA

<213> Homo sapiens

<400> 30109  
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 ctggttagagc atagccaagc gtactaacgc aatatggaac cagatgctag aaagacrttt 120  
 aaaaaggcca tgtatcttaa gtagtttatg waggcaggatt twtcsnsctc tacctcttga 180  
 gccaatataat ccattctatc taatttgacc accacta 217

<210> 30110  
 <211> 102  
 <212> DNA  
 <213> Homo sapiens

<400> 30110  
 tgaaaaatcc ttggagtcac ttacgttgga aaggaagata cagtgaaaat gatgtaaaaa 60  
 actggactcc agagttgcaa aagtatttaa actttgatcc cc 102

<210> 30111  
 <211> 207  
 <212> DNA  
 <213> Homo sapiens

<400> 30111  
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 gtgtttaaat ttgaaaagca tcatgttctc atgatttatg ggaatgaagc aagtactgaa 180  
 atcaaattaa atactccctg agtccca 207

<210> 30112  
 <211> 105  
 <212> DNA  
 <213> Homo sapiens

<400> 30112  
 aggctgggac ttactccgg gtggcggcga ggacgagtct gtgctccatc agctgccgca 60  
 cccgccgcct cccgccccca aaccccatcc ccgcggttga gccac 105

<210> 30113  
 <211> 208  
 <212> DNA  
 <213> Homo sapiens

<400> 30113  
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 gtatatatat atatgcatat ctatatatat acttaaatag attagccagt attttcctaa 120  
 actatgtctt taaaaatatt gtatagtttt tttttaagag atatgaggca tataagatat 180  
 aattctaacc ctatatgacc ccatgacc 208

<210> 30114  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<400> 30114  
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 cctatacact caaacctagg cattatcatt caggacatag gcatgggcaa ggacttcatg 120

tccaaaacac	caaaagcaag	gcaacaaaag	ccaaaattga	caaatgggat	ctcattaaac	180
taaagagctt	ctgcacagca	aaagaaacta	ccatcagagt	gaacaggcaa	cctacaaaat	240
gggagaaaat	ttttgcaacc	tactcatctg	acaaagggct	aatatccaga	atctacaatg	300
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tghacaa						367

<210> 30115  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<400> 30115						
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actctaaaaat	tgatcacaaa	attagaatta	aaacactcct	cagcaaatgc	aaaataactg	120
aaatcataac	aatctctcag	accacagtgc	aatcaaatta	gaactcaaga	ttaagaaact	180
cactcaaaac	cacacaacta	catggatatt	gawnnacgtg	ctcctgagtg	acttctgggt	240
aaataataaa	attaaggcag	aaatcaagaa	gctctttgaa	accaatgaga	acaaagagac	300
aatgtaccag	aatctctggg	aggcaactaa	agcagtgtta	agaggtaaat	ttatagcact	360
aatgcctnt						369

<210> 30116  
 <211> 161  
 <212> DNA  
 <213> Homo sapiens

<400> 30116						
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tggtataaag	taataaaaaat	gtagacttca	tattttgtac	aaaatgtcct	atgtacagaa	120
taaaaaagtt	catagaaaaca	gcaaatatag	gtaagtggca	a		161

<210> 30117  
 <211> 88  
 <212> DNA  
 <213> Homo sapiens

<400> 30117						
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ccaatatcac	aggtaacttt	tttttttk				88

<210> 30118  
 <211> 301  
 <212> DNA  
 <213> Homo sapiens

<400> 30118						
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atgtaatggc	gtggataagg	gtaaaaaata	tatatattta	aaaaaccaa	aagggtatgga	120
aaaaggattg	ctctcgahgt	tgagaacatc	agcttttctg	ttttttttca	ccatataaat	180
tagagtattc	tttcgaaaaa	tgggtgggtg	ttatgggtaca	gaccataaca	ggctactttg	240
ctgctacagt	aaggcatgaa	agagttcagc	gaagttaact	gtcttgacga	atttggggga	300
t						301

<210> 30119  
 <211> 170

<212> DNA

<213> Homo sapiens

<400> 30119

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tgaatcccct atgccaaaca cataccttcc atgcatgaca tgagatctgc aaactggatt	120
ttagccaccg tatttattha gtcaaaaaaa ttgtcacttg tagcagaccc	170

<210> 30120

<211> 191

<212> DNA

<213> Homo sapiens

<400> 30120

tattcctaata ttttattgaa aattatcagt ggagcaaagt tataaaattc tgaataattg	60
tttagagatt acagaaataa ataccagatc tgagaaatga tacagattga aattttataa	120
gagaggtgag tttgatagcc agttccaatt tcatactcat atggacttag agaatgttaa	180
ggatgccacg t	191

<210> 30121

<211> 187

<212> DNA

<213> Homo sapiens

<400> 30121

gtttcctaaa ttttttcat acatagtcct gtcaacttaa gaatgcttta gagtctgaag	60
tgaagctttt aaaatgataa attatagggg atgctgtgta agaagtttta caacctatat	120
rgcatttgcc attttaaaag ccttagtgag actaaggctt ttaaaacaca aaacagacat	180
ctggctt	187

<210> 30122

<211> 140

<212> DNA

<213> Homo sapiens

<400> 30122

ctactcaaaa caaaattttg ctgcaataaa aatgaatcca ttaaagttcc cattggtgac	60
atgttaagggt caggtgttca aacaataatc caagaaccac cacgtcagga aaaccgaact	120
tgtttcttca agcctcagtc	140

<210> 30123

<211> 182

<212> DNA

<213> Homo sapiens

<400> 30123

aaagaaaaga atggacagtg tttgcagaga gttgctcacg agtttccctc taatcctaaa	60
tgtcttcatg tctatcagtc tgagcagacg gtgagtaggg cgggcacatt ctccaggccc	120
ttcttcttag ctctgtgggt gacctctcag caagtgtat ccaggctggg ccaaccagac	180
cc	182

<210> 30124

<211> 73

<212> DNA

<213> Homo sapiens

<400> 30124

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ttgcgtastg gca	73

<210> 30125

<211> 123

<212> DNA

<213> Homo sapiens

<400> 30125

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attaatttga tgagcagggt ggggttatta gccttgtgct tcacttgcta atagctgcac	120
agt	123

<210> 30126

<211> 392

<212> DNA

<213> Homo sapiens

<400> 30126

ctacaacyag aaataccatt tgavccatcc agcccattac tgggtatata cccaaaggac	60
tataaatcat gctgctataa rgacacatgc acatgtatgt ttattgtggc actattcaca	120
atagcaaaga cttggaacca acccaaagt ccaacaatga tagactggat taagaaaatg	180
tggcacatat acaccatgga atactatgca gccataaaaa aatgatgagt tcatgtcctt	240
tgtagggaca tggatgaaat tggaaatcat cattctcagt aaactattgc aaggacaaaa	300
aaccaaacac cgcataattct cactcatagg tgggaattga acaacgaghn cacatggaca	360
caggaagggg aatatcgac tctgggggct ga	392

<210> 30127

<211> 255

<212> DNA

<213> Homo sapiens

<400> 30127

cagaaccaca atgagatacc atctcagaat gggttattatt aaaaagtcaa aaaacaacag	60
atgctggcaa ggctgtggag aaaaaaggaa cacttttaca ctgttgggtg gagtgtaaat	120
tagttcaatc attgtggaag acagtatggc gattcctcaa agacctagag ccagaaatac	180
catttgaccc agcaatctca ttacttgata tatacccaaa ggaatataaa tcattctgtt	240
ataaagacac atgcc	255

<210> 30128

<211> 230

<212> DNA

<213> Homo sapiens

<400> 30128

tactgacaaa ctttggcatt ccttggcttg cagctgcaca actccatctc tgcttagtag	60
tcacttagct ctattcatc tgtgtgtgtg tgtcttcaca tgaccttctc ctttctcaga	120
gtctgtctct gtgtcttttt tcctttttaa agtgtgccag tcatattggt ttaatggcct	180
accattcca gtataacttc atcttaactt gattacatct gcaaagcccc	230

<210> 30129

<211> 230  
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 <213> Homo sapiens

<400> 30129  
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 taatcagagt ttcagcagca cacaccgccc tctcagggag ggagatgctg gctgggccgt 180  
 cttttacaaa tggatcgta gtgtgttcgg gtaataagga aacgagagag 230

<210> 30130  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 30130  
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 aggccgaggc gggcggatca tgaggtcagg agatcgagac catcctggct aacacggtga 120  
 aaaccccatc tctactamaa atacaaaaaa ttgcgccggc atggtggcgg gcacctgtag 180  
 tcccagctac tccggaggct gaggcaggag aatggtgtaa acctgggagg tggaggttgc 240  
 agtgagccgg ggacgcgcca ctgcactcca gcctgggcaa caatgcgaga 290

<210> 30131  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<400> 30131  
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 agtccctcct agaacagaaa gcctggccaa tggagaagtg gaatgcgcgc tgtccaggga 180  
 aacagaaccc ttgcttccag catttggaac tgacagtgtg aatgagatat tttaacactc 240  
 tttccagtgg agctttttgt gtabaaagag tcaaccaaac 280

<210> 30132  
 <211> 115  
 <212> DNA  
 <213> Homo sapiens

<400> 30132  
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 gaataggcct gcctctcgcc atactccccc aacaataggg ggctcggtgc cctgm 115

<210> 30133  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 30133  
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 ggctatgtta ggttggtcag agaagtcctt tttgaagcar caatatataa gctgagactt 180  
 gaataagatg ggacatgaag ctgggtggag tggttcaggg agaggggtta gccaatgccc 240  
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gcatttgaga tagtcatgaa cgaaacag

328

<210> 30134

<211> 190

<212> DNA

<213> Homo sapiens

<400> 30134

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tgattcctgg	ggggaacacg	gagcagtttc	aggttgaaca	ttttgtccct	gggcctgggg	120
acgtctgact	ctccttggat	cctagcacc	taacgtgctt	ttcctgcctc	tcccccttc	180
ccaccagcgg						190

<210> 30135

<211> 224

<212> DNA

<213> Homo sapiens

<400> 30135

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gaaggcacct	gccctttaac	tgtcagtac	catgctagac	actgttgata	ccacctcccc	120
ctacttccgt	ctccatcctc	ctgacctcaa	caccaaacca	tttctcctct	gtgggtgcttt	180
aaaaattgta	gcaaattttt	gtgtggtgca	agaatgcatg	gcct		224

<210> 30136

<211> 219

<212> DNA

<213> Homo sapiens

<400> 30136

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tctagatttt	gattttatgc	attattttta	gcaagtttct	aagatactac	cttcnhaggc	120
aaattgattt	ttarwtaaaa	aagaaaacww	tttgtgtgat	tgaacatgtg	cttggaagtt	180
agtaaaaaga	aaaatattgc	tttattttaga	actgggatc			219

<210> 30137

<211> 112

<212> DNA

<213> Homo sapiens

<400> 30137

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gaggagaggg	gatgccagct	gctgcctctg	acttcaggga	gaagcagact	at	112

<210> 30138

<211> 112

<212> DNA

<213> Homo sapiens

<400> 30138

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acttacatcc	acacagaagc	ctgcacgtag	ctgggcatgg	tgctgtgggc	ct	112

<210> 30139

<211> 117  
 <212> DNA  
 <213> Homo sapiens

<400> 30139  
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 atgtgggtgr wtcccttttc ygtctcttac cattattctg tcatagtaga tatttgc 117

<210> 30140  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 30140  
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 aaattcaaaa ctgattcctt tagttcctca ttatatgata tgaagggatt aactgtagca 180  
 ggatagtagc cctgaccgta cggcatggtg ctttttttca ggataaatct tcagacaaaa 240  
 aagtgcaaac aaaagggaaa aggggagcaa agggaaaaca ggccgaagtg gctaaccaag 300  
 aaactaaaga agactt 316

<210> 30141  
 <211> 119  
 <212> DNA  
 <213> Homo sapiens

<400> 30141  
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 aaaaagttca gcctcaatta cgttggttga ctgtctttaa agtgcttacc acagcccc 119

<210> 30142  
 <211> 105  
 <212> DNA  
 <213> Homo sapiens

<400> 30142  
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 gggattccat tttcacaatt gcaaaacaga tatttcagga acgta 105

<210> 30143  
 <211> 120  
 <212> DNA  
 <213> Homo sapiens

<400> 30143  
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 tttcataaaa tcaacaagag aatccctgat tgctcaggag aaaacaattc tgaccggaag 120

<210> 30144  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 30144

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aaacacttgc	ttggcatawc	ctgaactcct	cagtgtbagc	caaagatggc	aattacagcg	180
tttcatcaag	tctagagaag	aggtctttta	aatcaccttt	tataggcttt	agtttcttta	240
gcttgaagaa	acccaaaact	atcccttaat	cgaatgcgaa	attctacca	tctaacaaca	300
taatcgcaat	aaccggcat					319

<210> 30145  
 <211> 121  
 <212> DNA  
 <213> Homo sapiens

<400> 30145						
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a						121

<210> 30146  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<400> 30146						
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agrcaatttg	caaaatcttg	gaaggtttgt	tgcacttaac	caccagcaa	ctactcctgg	180
atgcatacta	gagaagtgcc	atgtgaacag	agaatgattt	taagacttca	ctgaagtatt	240
gttttaggtag	caagattggg	aaaagcctgc	atttcatcag	cagaagaatg	gataatt	297

<210> 30147  
 <211> 131  
 <212> DNA  
 <213> Homo sapiens

<400> 30147						
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agctcccgma	c					131

<210> 30148  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<400> 30148						
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ctggagagca	gtgmyattat	cgtgactcac	ggcagcctcg	acctcccaga	ctcaggtgaw	120
cccttcacct	cagcctccca	ggcagctggg	accatagcta	tgaacaaaca	cttccagcta	180
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<210> 30149  
 <211> 184  
 <212> DNA

004220" 666E7560

<213> Homo sapiens

<400> 30149

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<210> 30150

<211> 127

<212> DNA

<213> Homo sapiens

<400> 30150

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<210> 30151

<211> 238

<212> DNA

<213> Homo sapiens

<400> 30151

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atccagctag gctgggacac tccctaaatc agctgcgtgt tgtagcatc aggcagaatg	180
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<210> 30152

<211> 280

<212> DNA

<213> Homo sapiens

<400> 30152

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tacattgctg ctggagtata agtaggtgca gtcttccttg tggggtaaat tctgtataat	180
tcaaagcttc aaaattgata ctacattttg tccaacaat ttcactttta gaaatgtatt	240
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<210> 30153

<211> 137

<212> DNA

<213> Homo sapiens

<400> 30153

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<210> 30154

<211> 214

<212> DNA

<213> Homo sapiens

<400> 30154

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acagtggggc	aatattcctc	tcggcagaga	gcctcccggg	cttgtgagac	tgtcctggat	180
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<210> 30155

<211> 336

<212> DNA

<213> Homo sapiens

<400> 30155

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ggaaagggag	tcagtagcat	cgggcttctc	atttgcaaca	ctgtgtgtta	ggaactgaat	180
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cagttaggct	caccaccttg	tggcttgtct	tcctttgttc	ctgatgcctc	accagcccag	300
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<210> 30156

<211> 111

<212> DNA

<213> Homo sapiens

<400> 30156

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<210> 30157

<211> 409

<212> DNA

<213> Homo sapiens

<400> 30157

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tgtgtcttgg	cgccgggggt	gccaaggggc	cctcccgtca	gcgcctcctg	accttcagcc	180
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gtgcccctgt	ggcctttcct	ggtgccgttt	cccactgtgg	tgtctggaca	ctttctccca	360
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<210> 30158

<211> 184

<212> DNA

<213> Homo sapiens

<400> 30158

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ttaactcgtc	atttagcatt	aggtatatct	cctaaagcta	tccctcccc	cttcccccaa	180
tccc						184

<210> 30159  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

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 ctgtggaaat tctgaccgtc gccctggatg ggtctctggc attgttcctc atttatgcca 180  
 tagtcaaaga aaaatattac cggcatttcc tgcagatcac cctgtgctgt tgcgagctgt 240  
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 gcaactggct gtactgttgg ctt 323

<210> 30160  
 <211> 122  
 <212> DNA  
 <213> Homo sapiens

<400> 30160  
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<210> 30161  
 <211> 304  
 <212> DNA  
 <213> Homo sapiens

<400> 30161  
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 tcataaaagc catatgaagg aaatactgta ttagcatttc tattttacat gtgagaaaaa 180  
 ctaagacctt gagagtttaa attattccca taaggctatc tgactagaga ataatacaagt 240  
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<210> 30162  
 <211> 97  
 <212> DNA  
 <213> Homo sapiens

<400> 30162  
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<210> 30163  
 <211> 109  
 <212> DNA  
 <213> Homo sapiens

<400> 30163  
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<210> 30164  
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 <212> DNA  
 <213> Homo sapiens

<400> 30164  
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 agttcaactg ttttgatttt tagaaccac aaataagtga caacatgtga tatttgcctt 180  
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<210> 30165  
 <211> 183  
 <212> DNA  
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<400> 30165  
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<210> 30166  
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<400> 30166  
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<210> 30167  
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 <213> Homo sapiens

<400> 30167  
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<210> 30168  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<400> 30168  
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 tgaaaaatta cagtaactct ggaattacct tctctgaaa agtgtttatt tttgttttag 180  
 taggctgtta aactatttgc ggatcacctt aaacttgtgg gaacttgggt tcggactgtg 240

ttaggttggg	tgtatatttg	ttttgccctt	tgctctagag	caaatcccat	agtcctggga	300
catggtcttt	actcctcaga	tggctcttcg	gggatttcgg	tgaaagaccc	aatgtttgta	360
ccaagcacct	ctaactttgt	ggaactccna	n			391

<210> 30169  
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 <212> DNA  
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<400> 30169						
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ctacagtata	gattgattct	ctagaatatc	aatgatccct	tttcatccat	ggttcatcaa	180
aaacatacta	actgcatttg	tttgatcatt	gcaaatttaa	aacaaaacag	catttgctgt	240
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gtagaatgga	tcattcatta	atttctttat	gaaatttgca	tgctawhggt	tttctaata	360
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<210> 30170  
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gasgatnngg	tgtctccgca	gctttggggc	cccaggaaag	aacagatggs	ttggcatctt	180
cbwccgagca	agcgcastst	caggccgggc	ctgagcctgc	agcctgtgtg	ccctccatca	240
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ttccaagtgc	tgcccatgca	gatacctcag	tatacactgc	ccacagttaa	smaaccacga	360
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<210> 30171  
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 <212> DNA  
 <213> Homo sapiens

<400> 30171						
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tttactaagt	aatagctaag	tataaaatct	ttagttagag	aaagcttgtg	agcaattaaa	180
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<210> 30172  
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<400> 30172						
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<210> 30173  
<211> 102  
<212> DNA  
<213> Homo sapiens

<400> 30173  
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ggttttgagg ctaattcctt gttacataat tttttttttt tt 102

<210> 30174  
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<212> DNA  
<213> Homo sapiens

<400> 30174  
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<210> 30175  
<211> 375  
<212> DNA  
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<400> 30175  
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ttagtgaagc ccgtt 375

<210> 30176  
<211> 78  
<212> DNA  
<213> Homo sapiens

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ttctdeccgg ccgcccgc 78

<210> 30177  
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<212> DNA  
<213> Homo sapiens

<400> 30177  
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ggaactggga gaaacgtggc gcgcagggca cttttccac gctgctctc aagggaaggg 180  
acgcgagtggt tcttgcccag gttaggcaag gcagatggca tctcagacc cggacc 236

<210> 30178  
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<212> DNA  
<213> Homo sapiens

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tacagttttt catgattttc ctttgcttgc cacaaatcct tcatgagggc aggaatgggg 180  
tggc 184

<210> 30179  
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<210> 30180  
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<212> DNA  
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<400> 30180  
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<210> 30181  
<211> 153  
<212> DNA  
<213> Homo sapiens

<400> 30181  
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cgctgttcct cccactttgt atgccactgc acc 153

<210> 30182  
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<212> DNA  
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<400> 30182  
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ctggtagaaa gttgctgcaa aaacatttga a 151

<210> 30183  
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<212> DNA  
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<210> 30184  
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<400> 30184  
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actgacgcgc aact 74

<210> 30185  
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<400> 30185  
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<210> 30186  
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<400> 30186  
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<210> 30187  
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<212> DNA  
<213> Homo sapiens

<400> 30187  
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aatgtgggtt tatttcaggg gccattattt aacctgtgtg tatgctatga tggagttctt 180  
ttgtgatttc tttacttcta aatttaaata gtaattatgt ttaaaaacaa atgtttttgt 240  
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<210> 30188  
<211> 312  
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<213> Homo sapiens

<400> 30188

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taataatggt	atgggtttat	taagagatct	gtcatctctg	tttttcttaa	actgggttaa	180
cagtcagagc	tttgtaatgt	gtttcagctg	aagattttatt	ataggcttgt	aaattatcta	240
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<210> 30189

<211> 210

<212> DNA

<213> Homo sapiens

<400> 30189

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ttaccacaat	tgataaaaat	ataaaaactat	tcttcagcac	atttatacct	aaattagtga	180
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<210> 30190

<211> 221

<212> DNA

<213> Homo sapiens

<400> 30190

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gccactgtcc	ctggcctaga	ataagtctta	aataacaagtc	aagtctccag	ctttgttctt	180
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<210> 30191

<211> 232

<212> DNA

<213> Homo sapiens

<400> 30191

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ccttascgtg	tagtggtawc	tattcacttc	ttaatttckg	mcctcwmtcw	atttaattgt	180
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<210> 30192

<211> 147

<212> DNA

<213> Homo sapiens

<400> 30192

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<210> 30193

<211> 356

<212> DNA

<213> Homo sapiens

<400> 30193

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ttcactgatg	atatgattgt	ctgtacataa	aatctataca	taaaacctaa	gtggatcagt	300
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<210> 30194

<211> 244

<212> DNA

<213> Homo sapiens

<400> 30194

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gaactcttta	ttgccattat	ttggagagg	cgggggaatt	atcctaata	cacatttaac	180
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<210> 30195

<211> 51

<212> DNA

<213> Homo sapiens

<400> 30195

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<210> 30196

<211> 255

<212> DNA

<213> Homo sapiens

<400> 30196

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ccaggcaaag	ctggagatga	ggctgagatc	cagagtttcc	tagaacgcaa	cttaggatgg	120
ctaggaaagg	gaagcctgac	tgctcgggtca	ggagggtgca	gttatctctt	gctgggaaca	180
cagccagttt	tcacaatgcc	tagactgtgt	atgtctattt	gcacaagatt	gtcttttcct	240
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<210> 30197

<211> 85

<212> DNA

<213> Homo sapiens

<400> 30197

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<210> 30198

<211> 145

<212> DNA

<213> Homo sapiens

<400> 30198

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gaaaatttat tactttctgaa gagaaatatt gattattata atttttaatg gaagatttaa	120
aaacaagata tcttgatata cagca	145

<210> 30199

<211> 235

<212> DNA

<213> Homo sapiens

<400> 30199

gtgtattttt ttaatcatat atcttcctca gtacaatgta aggactgtaa aaaaagagat	60
aatgtactgt mttgctttct gttgactccc aggaactcga aaccagcacc aagaatagat	120
gggtcaaaaat gatactttta tgaacaaata aatgggtggc taaaatggat aagttgatgt	180
ggttaaccag tgaaaaggaa actcacacaa aatctgcagt tgcatgaatt cccct	235

<210> 30200

<211> 146

<212> DNA

<213> Homo sapiens

<400> 30200

ctgggcctta cttgtttttt caacgacagt tttggtcttc agttaagctg ttaggcaatt	60
ttcttcagtg gtatggcatt ttctcaaata aaactctgca agagttatca atagatgggt	120
tattaaatcg atatattctc atggca	146

<210> 30201

<211> 73

<212> DNA

<213> Homo sapiens

<400> 30201

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ttaccacggg ggt	73

<210> 30202

<211> 410

<212> DNA

<213> Homo sapiens

<400> 30202

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aaccccaaga gacaccactc tccatccagt aggatggcta taatactata catattttta	180
aatagaaagg aaaattacaa gtgttggcga ggattgtgga gaaattgaaa cccttacaca	240
ttgtgtttgg gaatgtaaaa tggcacagcc actgtggaaa gcagttcggc agttcctcaa	300
aaggtnsagg atacagttat ggtatgatcc agcaattcca cttctagtta tatacctaag	360
gtcacacaaa aacttgtaca ccagtattca gagcagcact attcacaata	410

<210> 30203

<211> 217

<212> DNA

<213> Homo sapiens

<400> 30203

gttgtaacag	agattgtata	acccacaaaa	tccgatatgt	ttacgaactg	gctcttcatg	60
gaaaaagttt	cctgacctct	catctagatc	aatgggggtt	tacgttacca	tttaaaaata	120
tttaggttgt	aatctatcct	cttattactt	gtatttatgg	gtaactat	tgtaagtaag	180
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<210> 30204

<211> 374

<212> DNA

<213> Homo sapiens

<400> 30204

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ttgtcttggc	tatgcaggct	ccatatgaaa	tttaaagtag	ttttttccag	ttctgtgaag	120
aaagtcaatg	atagcttgat	ggggatagca	ttgaatctat	aaattacttt	aggcagtatg	180
gccattttca	tgatattgat	tcttcatatc	catgaccatg	gaatgttttt	ccatttgttt	240
ttgtcctctt	atttctttca	gcagtgggtt	gtagttcttc	ttgaagaggt	ccttcatatc	300
ccttgtaagt	tggattccta	ggtattttat	tctctttgta	gcaattgtga	atgggagtca	360
ctcatgattt	ggct					374

<210> 30205

<211> 377

<212> DNA

<213> Homo sapiens

<400> 30205

caaacacaac	aaaatatatt	ctttatattg	tctaatatc	agttcacatt	cagtttttct	60
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ctgggctcaa	gcaattcacc	tgccctccaa	agtgctggga	ttataggcat	gagccaccat	180
gogcasccca	ttcagttttt	cttgattgta	aaagtgtctt	tgtaggggta	tttgcttaag	240
tcaatatcca	aacaaggtct	acacatggta	tttggttgac	aggttgtagt	cttaacttag	300
ttttttgatg	attattgcct	aaatccatta	tatcatcaga	gattttaaaa	tgatgatttt	360
ctaactcaag	ggcattt					377

<210> 30206

<211> 302

<212> DNA

<213> Homo sapiens

<400> 30206

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aaagtcaatg	atagcttgat	ggggatagca	ttgaatctat	aaattacttt	aggcagtatg	180
gmcattttca	tgatattgat	tcttcatatc	catgaccatg	gaatgttttt	ccatttgttt	240
ttgtcctctt	atttctttca	gcagtggwtt	gtagttcttc	ttgaagaggt	ccttcatatc	300
cc						302

<210> 30207

<211> 404

<212> DNA

<213> Homo sapiens

<400> 30207

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aacatttgta	tgcaggatgat	attagggttaa	aatgaataaa	aagaaattgc	aaagggtagg	120
ctaagaagtg	agccccagac	acttttcacc	agctaaacct	ctattgtctg	aattattact	180
tcccagccca	ggggttgtca	tgatgctcaa	accagggcta	aggtcaattg	tctgggtttc	240
agtatctata	catatatgag	atctccatgg	tgctagcaga	acatttgtgt	tctctggcta	300
aatctgtgtt	cttgatacac	ttacctgctc	tcttttattt	ttagttctca	gcctatagga	360
ggagaatatg	gtcaagacca	tatcctaaaa	atcaacagac	accg		404

<210> 30208

<211> 174

<212> DNA

<213> Homo sapiens

<400> 30208

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tgcattcaaa	atgttttgca	actgccatcc	ttactagtt	ccaaaacatt	ttcagcaccc	120
caaagacaac	ccatacccat	taagcagtea	gtcccaactc	tctttccccg	cccc	174

<210> 30209

<211> 250

<212> DNA

<213> Homo sapiens

<400> 30209

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gaggttcccc	tccctccctg	atgggtgtccg	gagagcgaaa	ggcatctgtc	cagctgatgt	120
ggcctaccaa	gtggcacgac	ctgccagct	cagtgcaccc	actcgccagc	ttttcccagg	180
aggatttccc	aaagattttct	ctctgctgac	tgttgtccgg	acccgccctg	gtctccaagc	240
tccctcctt						250

<210> 30210

<211> 162

<212> DNA

<213> Homo sapiens

<400> 30210

taaagaaaaat	gtggtatata	tacaccatgg	aatactactc	agccatgaaa	caatggcctt	60
tgcagcacca	tgatggagc	tggaggccat	tattctaagt	gaaagtaatt	caagaatgga	120
aaaccaaagt	ccgtatgttc	ttacctataa	gtgggagcta	tt		162

<210> 30211

<211> 248

<212> DNA

<213> Homo sapiens

<400> 30211

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atatgtcaaa	agctcctggt	ttctcaaggc	agctccacag	caggagctc	tgtagttaga	120
tagggttggg	ttcatttcct	gtttctgcca	ctcaccagct	atggccaagg	acaagttaca	180
tgatcgatgt	ttcagattct	tcttgtgtaa	aaaatactaa	aatacacaaa	cacacactca	240
cacaccct						248

<210> 30212

<211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 30212  
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 tgatttggag ggggtagagt ggaggaggca gtgttttgtt tgaccntttt acctcttgag 120  
 tttgtgaaa taccaagtag acagtttagat ttatgtgatt gttgttttagg agaggtcagg 180  
 tctggagaca tgcg 194

<210> 30213  
 <211> 168  
 <212> DNA  
 <213> Homo sapiens

<400> 30213  
 aggaccttct tttacttggc ttttaaaagt tattcactta gtcaaaattt attgaacacc 60  
 tatagtattc caggcagaat gctaaccctc acggagctca caggggatac acactaaggg 120  
 atatatattg tagtacagca cagttattaa atagcaattg cagacgac 168

<210> 30214  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 30214  
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 tgagtgggag ttaaagactc cagagaagca gctgctagag actcttaagt gcgagtctat 120  
 accagcttgt acaacagaag agtttcaggg gtggcttctc catgtcctaa aatgattagt 180  
 gatgataatt ggtcattatt atcatctgaa aaagggtccat ctctgtcttc agggctttca 240  
 ttgccggttc atcctgatgt gttggatgaa agttgtatgt ttgaagtgtc tactaaccta 300  
 cctttaagta aagataatgt gtgtagtgtg gaaaagagca agcc 344

<210> 30215  
 <211> 58  
 <212> DNA  
 <213> Homo sapiens

<400> 30215  
 agaacttctg aggcgtagaa aagtccaccg agaagttata ttttaagtact tggcaaca 58

<210> 30216  
 <211> 241  
 <212> DNA  
 <213> Homo sapiens

<400> 30216  
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 ttttcctctc tggggtaaat acctggaagt ggaatgccca ggtcgtaagc ctaacctgaa 120  
 ctttaagccg cagatgagga tatccccagc ctcccggaac aagcagacag ttattaatgg 180  
 aaatgttcca ccagttcaga gaaagacatg gtgtgactta aactgaagt caggagcaag 240  
 g 241

<210> 30217

<211> 175  
 <212> DNA  
 <213> Homo sapiens

<400> 30217  
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 caataaatca aattagctgt aaagtgaata caaaaataam ctttcataatg taagaaagaa 120  
 acttagtttc ttctcaatga tggaatcctt gaggtttgtt ttttaataaga tgccc 175

<210> 30218  
 <211> 168  
 <212> DNA  
 <213> Homo sapiens

<400> 30218  
 gctttatttg tgatttttta gaataggaat ctgggtttgga ggttgacaaa ataagtaatt 60  
 ctctcttttg ttatatatttc tttcaatctt ggctttgatt tgggtgaata agctgggttc 120  
 atcaaaactta ttatcagcct ataatgagat acatgacatg gagcagca 168

<210> 30219  
 <211> 209  
 <212> DNA  
 <213> Homo sapiens

<400> 30219  
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 ggcacaggca ggagccatcc agcgaaaccc agacagaggt gtttggtgga gtggactcac 120  
 tttttcagac gcacttgcta gtttgagacc tgaggcattg aaggatgatg cagctagtgt 180  
 tccctcatgg gcagcaatag tgcagacaa 209

<210> 30220  
 <211> 80  
 <212> DNA  
 <213> Homo sapiens

<400> 30220  
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 cgtttattag ttctgtctgc 80

<210> 30221  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 30221  
 ctgtattttc ttttaggact ttggagatct ctcaagttgt actgttttct agtattcctg 60  
 agtatattcc tttggtaacg tgaaagtaaa tagtttatat ttgatgattt tttttttttt 120  
 tttt 124

<210> 30222  
 <211> 148  
 <212> DNA  
 <213> Homo sapiens

<400> 30222  
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 tgttccatcc cttttcatcc tttcttggtt ctaaccctta tcattgtttc tctatgtgta 120  
 atgagtcctt ttcttctagc cggctctg 148

<210> 30223  
 <211> 79  
 <212> DNA  
 <213> Homo sapiens

<400> 30223  
 atcagaatcc tcctccctat gctccgttgc tgaagctcag ttgctcggct ggagctgagc 60  
 taaacagaag cgtcagatc 79

<210> 30224  
 <211> 218  
 <212> DNA  
 <213> Homo sapiens

<400> 30224  
 cctagaacat ttaaaaaagc atagtctggc caacagctga catacatgga aatattttgt 60  
 cattgtcaca ggtagacag tgtaatttag ccaactgcac tgcaaaaaag ccaaacactt 120  
 cctggtaatt ggaaaattgt tatactgctt tgggtctgta agttatatat taattcattt 180  
 ggtgtgagaa gaactagtaa taaagtatga aggtctac 218

<210> 30225  
 <211> 247  
 <212> DNA  
 <213> Homo sapiens

<400> 30225  
 agtgatttca aatttaggat wtwygttgt tggtvghnwa ctgtcccctt agtttcttgt 60  
 tatttccaat ttgttctgca wagtcatcac ttttaattct kktcttacta aaattttatg 120  
 gtggttgagg gaaggaggt agcatcacta acctgacagt tgttgccagg aatttgcdtt 180  
 gtttactgcb agtakatkag aaatccbaga tctcagaatc acaatagtaa taaacaacag 240  
 gggaggc 247

<210> 30226  
 <211> 137  
 <212> DNA  
 <213> Homo sapiens

<400> 30226  
 ctgtaggaaa agggagaatc ttccatgttg gtgtttttcc tgtaaagatc agtttggggt 60  
 atgatataag caggtattaa taaaaataac acaccaaga gttacgtaaa acatgtttta 120  
 ttaatttttg tccccca 137

<210> 30227  
 <211> 100  
 <212> DNA  
 <213> Homo sapiens

<400> 30227  
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caccaaattgt gcagtgaaat gactttgttg gagaccacat

100

<210> 30228

<211> 253

<212> DNA

<213> Homo sapiens

<400> 30228

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gacatgaact	catcattttt	tatggctgca	tagtattcca	tggtgtatat	gtgccacatt	180
ttcttaattct	agtctatcat	tggttgacat	ttgggttggt	tccaagtctt	tgctattgtg	240
aatagtgccg	cgc					253

<210> 30229

<211> 273

<212> DNA

<213> Homo sapiens

<400> 30229

ctaaaattgt	caattgtgag	gtgtgctttt	ctcatcatgt	tggttatatt	gcacaattgg	60
ttatatattat	gacctgatat	tcaaagactc	tggcattgat	agccagtggtg	ttttcttatt	120
taactccgtt	tactacattc	tacatgggtg	ttacgtgatc	cacacttgaa	atactagatc	180
agtagacatt	cactaatata	ccaaaataaa	atgaaaaatt	gagtttttcc	gtgaacttta	240
tactgtccag	ctctgttgat	tttaaagcct	ctt			273

<210> 30230

<211> 158

<212> DNA

<213> Homo sapiens

<400> 30230

atgataattt	ttcttttagt	atatgggtgat	tagtttactt	tttattcaac	tgtgtctttt	60
tttgaagtct	tcttcattga	aatatattgt	tactaaatat	agaattaatg	gctttcttta	120
agcacttcaa	agataatcca	ctgttttctg	gaccccaa			158

<210> 30231

<211> 142

<212> DNA

<213> Homo sapiens

<400> 30231

tataatcttt	aattgtccat	ggatgttaag	aactgcctct	ttttccctgc	tctgtttgct	60
tacgtacctg	tcattaagta	attttcacat	attccaaaga	agctaagtag	tacctctaaa	120
tgcttgattt	cttctccccg	ct				142

<210> 30232

<211> 177

<212> DNA

<213> Homo sapiens

<400> 30232

caaatgcgag	gaggggtgct	agacctgata	agtctaggaa	gaccagtcag	cttgatagcc	60
agttgttaaa	ctaaaggacc	acaaagggtg	gttttagtagt	tctgatatgg	gattactatc	120

agtttataca tatgtataga ttttctttta attataaaca gccagatagc cagcaac 177

<210> 30233  
<211> 110  
<212> DNA  
<213> Homo sapiens

<400> 30233  
catttaataca tgatctttac agaaaagaac atgttattcg tattttgcta atatcaactg 60  
catggattaa agtagtcctt ccatacatgg ggaagtgttt ggagcaaaga 110

<210> 30234  
<211> 99  
<212> DNA  
<213> Homo sapiens

<400> 30234  
aaaccattga actgttttct gtcactataa attagatttg tcttttctag agtttcatgt 60  
aaatggaatc atacactaag tactctttgt gcttggtc 99

<210> 30235  
<211> 163  
<212> DNA  
<213> Homo sapiens

<400> 30235  
cacacatata aaaaaggaat tagacttcat atactgtctt gcaaatttct tcttaaaact 60  
taatggattt cttccacata ggcacatttg acccttgagc aatgccaacg ttagggatcc 120  
ccctgtgcag tgggaacttc acatataatt ttagacaccc cgt 163

<210> 30236  
<211> 429  
<212> DNA  
<213> Homo sapiens

<400> 30236  
ttttatgttt gttaaagtaa taaatgtgca gaggtcagaa ggtctaataa tactctacag 60  
cctgtagcac tgcaaagtga tgtgctggg ttggcttggt ttggctcgtg agagcctact 120  
ggtaaaattt ttaggaattt aggagttttg caagctggtt gttaaacaga gccattatta 180  
taaattacat tgaataaact tgcaattaag ttatagtaaa agcagaagta ctaaataatta 240  
aaaatgtatt acttcccaat ttttccacta ttatctgtgt tcttgaggtt atctgtgact 300  
attacatttg cagagtggaa atattctata atagtgtgct gagagcctct tctawsactg 360  
tatttggttg cattagcctg aaatcagtga tcgtgggata ttacaccac caaattggc 420  
aaacgctat 429

<210> 30237  
<211> 118  
<212> DNA  
<213> Homo sapiens

<400> 30237  
acaattcgag atgagatttg agtggagacg cagagccaat gcctgtcact tggagacagg 60  
gcttcgccat gttgtccagg ctggtctcga actcctgacc taaaatgatg caccgcc 118

<210> 30238  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 30238  
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 ttgtgtgtgt gtttttagta gagacggggt ttcaccattt tggccaggct ggtctcgaac 120  
 tcctgacctc aagtgatccg cctgccttgg cctcccaagt tttgtttgtt ttttatttct 180  
 tctaaacaaa acaaaacaaa caggatcact 210

<210> 30239  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<400> 30239  
 ataaagaata tgcccagaga gatgatgaga taatgcatcc ctgaaacaag gacaggatat 60  
 tgttcagaga atgtttccaa tttacaggac agttgtcaaa ataaaacatc cagtggaaaa 120  
 gttgtaagac aaagttaacc caatctccta gaatgtagaa caaaaaagca aggagatggt 180  
 tgataggagg aaaaaaaacc aagaaaacta gaagatgaaa ttaaggagggt gtgacggtta 240  
 ggagttctag aaagagagga tggagaaaaga aggaaatttg caaacagata gtaccccaaa 300  
 atgttctgag ctctgaaggg tatgcatttt tggattgaaa gatcccacca agttcccagc 360  
 aa 362

<210> 30240  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 30240  
 cctcacacta ctatttataa tgtaaaagaa gccaaagatc caggttcaga tatttctgcc 60  
 ttttaagttac ctgaacacaa atcaagtacc ttcaacagag ttaatgccaa tatgtctcat 120  
 cctttagttt tggggaaaca tcctcttctt tcagggtggtg cc 162

<210> 30241  
 <211> 190  
 <212> DNA  
 <213> Homo sapiens

<400> 30241  
 aagaatgctc taaaccactt cttcccacag agtcctttccc atttgaacgt taagtccttt 60  
 tacttactgc tttgattttc atgagcatgc aaacgttccct gaggagacat aaccttcatg 120  
 tgagtttcag tacttttccc cagagcatgt ttgacagtag aagttactac gagagattta 180  
 ggtcccctaa 190

<210> 30242  
 <211> 109  
 <212> DNA  
 <213> Homo sapiens

<400> 30242  
 tccaaacaag aggtgacata atctgactta agtttttaaaa gaatcacctt ggttggtgtg 60  
 gagagaaaag tctgtaaggt caagtatgga agccaggaga tcaggaacg 109

<210> 30243  
 <211> 227  
 <212> DNA  
 <213> Homo sapiens

<400> 30243  
 tattgctgct ttttaatatgt ttcaaaatca gaaattataa tgcacctttg ttctttttca 60  
 tgggtgtttg gctagaggtc ataataaaat tttaacattt taaacaatat ttcttttaaaa 120  
 aactgctgtt gggattttta tgaagattat attgaatttg dttaccacwg taagttgtat 180  
 tgacatcttt gasaaactat tattttttga ttcctgagca aacatat 227

<210> 30244  
 <211> 201  
 <212> DNA  
 <213> Homo sapiens

<400> 30244  
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 tcagccaacc ccagctccaa atgtaaaggc atgcacagtg gagagccgct taattcagca 120  
 tctcctcaca gggcctccag taggcacctc ctccctctc ccatctgctc caggaaatgt 180  
 ctgctccagc ttctcccca t 201

<210> 30245  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 30245  
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 tgcgaaccac ttagctggcc atagcaaggc tggtggatgt tggactctc tgcgcccttg 180  
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<210> 30246  
 <211> 172  
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 <213> Homo sapiens

<400> 30246  
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 taaagagcag taaacttgct tgaaagtttt tggcaaagga aggtaacttc aatgtaatag 120  
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 <211> 274  
 <212> DNA  
 <213> Homo sapiens

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 aaggacaaac atcctgcata tacaaatctg gacggatctt caaatggcag cttaatgatc 120  
 tagttatgcg waatctgtaa agaaacccta tagctttata gcaaacatag ctgtagtttg 180  
 gattacatct tatgmntaaa acaaamvcat gttttactaa tatattaaac atacgamgta 240

taatacttct aattcatagg taagatatcg tgta

274

<210> 30248

<211> 329

<212> DNA

<213> Homo sapiens

<400> 30248

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atttgcatga	gatagaataa	atatcttagg	aggagtgaaa	gaacctgagg	aagagacacg	180
accctaaggg	aatgaatgca	taagcagtct	tctcagtagc	ccagagtttc	caggaaacag	240
gaatatttat	atcccttgcc	cactcttaaa	atacatagat	acataaaaag	gcagtctctg	300
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<210> 30249

<211> 202

<212> DNA

<213> Homo sapiens

<400> 30249

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agactggaga	ggtaagcaaa	tgccaaataa	tgaaggactc	cacaaaccat	gctaaaagag	180
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<210> 30250

<211> 306

<212> DNA

<213> Homo sapiens

<400> 30250

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tcctgacctc	ttgcttacca	gctattgagt	ggctatgaaa	acataaagcc	cctggaaacc	180
agcaagccac	atcttctgag	atactgtcct	gccctccctt	ttttattggt	ttgaaatatt	240
cctctcacc	ccccacgtta	aaacataacc	atgtgtattc	actcctgagt	gactttcccc	300
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<210> 30251

<211> 210

<212> DNA

<213> Homo sapiens

<400> 30251

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ttttggctat	gctagagctc	caacatatgc	cagcatttat	aacctctggt	atatagtgtc	180
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<210> 30252

<211> 180

<212> DNA

<213> Homo sapiens

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cctttgaaat ctaagtgtag acattggtag cttacattgg ttgctgaccg ttgggggtac 180

<210> 30253  
<211> 237  
<212> DNA  
<213> Homo sapiens

<400> 30253  
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gcaggtttaa agtcttttat tattgtcgtg tcatttgcac acataaataa caggactagc 180  
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<210> 30254  
<211> 159  
<212> DNA  
<213> Homo sapiens

<400> 30254  
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tttgtagtca gtgagagtat ttttctttt ctctggaaca taagcttctt ctcaaagtgt 120  
taatttcaaa catgaaaagt aatcctgagt gcagcctga 159

<210> 30255  
<211> 117  
<212> DNA  
<213> Homo sapiens

<400> 30255  
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tttctttata cattgtagaa agctagcggg ttactgtatt ctttttctca aacagca 117

<210> 30256  
<211> 363  
<212> DNA  
<213> Homo sapiens

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aatttttcag tcagaatagt gtaagctaag ccaattttaga tatctatggg gttgactatt 180  
gtttgtgctg ttaattcttg ttcttcttca attaaggcat ggacataatt tttttcaatt 240  
tttttttcaa acgatgtgga aggcttgctg ctatgtgctt catcttcagc atcatctcat 300  
cccttcttaa aatgagttat ctgtttgcaa actgctgatt tcttttggag aatcatcccc 360  
act 363

<210> 30257  
<211> 123  
<212> DNA  
<213> Homo sapiens

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 gaaacaaatc tcagacccca aacacaccct gctctatcaa agcaactgca tgctgagccc 120  
 ctt 123

&lt;210&gt; 30258

&lt;211&gt; 248

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30258

agatttggtt tttttccatc tctaaattag gatttctaaca taaaattgcc tgctgggttt 60  
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 aagcagttaa ggcttagaat agtgactgtt aaatagtact ttttccctc aaatgggttt 180  
 cagttccaaa gtcttaacag aattgctttt acagttttga cctgcagggtg catattaaca 240  
 gtggccca 248

&lt;210&gt; 30259

&lt;211&gt; 329

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30259

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 tatgagcatt aaagttccta agaccagtg acagtactgg gagaaaccaa ggctgaagag 180  
 tcagggttaa gcacaggctt ttgttttttg ttgtttttgt tttttgagac agagtctcat 240  
 tctgtcaccg aggtctggagt gcagtggcgc aatcttggct cactgcaacc tccgactccc 300  
 aggttcaagc aattctcctg cctcgcctt 329

&lt;210&gt; 30260

&lt;211&gt; 102

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30260

tttaaaaaat aaaattaact gggcgtggtg gcacgcatgc agtggcatgg tgatgactca 60  
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&lt;210&gt; 30261

&lt;211&gt; 165

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30261

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 tataatgtata gttgcttgag ctgtcaatca ttgtagcatt tggaacataa aatgcgtgta 120  
 tttagcaatg tagtccccta gtaagtgttg ggaaatcccc agtct 165

&lt;210&gt; 30262

&lt;211&gt; 412

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 30262

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agtcttgcta	gtgatttatc	aattttgttg	atcctttcaa	aaaaccagct	cctggattca	180
ttaatttttt	gaagggtttt	ttgtgtctct	atttccttca	gttctgctct	gatttttagtt	240
atttcttgcc	ttctgctagc	ttttgaatgt	gtttgctcgt	ttttctagtt	cttttaattg	300
tgatgttagg	gtgtcaattt	tggatctttc	ctgctttctc	ttgtgggcat	gtagtgctat	360
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<210> 30263

<211> 112

<212> DNA

<213> Homo sapiens

<400> 30263

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<210> 30264

<211> 91

<212> DNA

<213> Homo sapiens

<400> 30264

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tctctaacaa	aaaaaaaaaa	aaaaaaaaaa	a			91

<210> 30265

<211> 212

<212> DNA

<213> Homo sapiens

<400> 30265

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tccgtaccgt	tttttaagg	atatttggtt	aagactttac	gtgttaattc	tttattcttg	180
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<210> 30266

<211> 166

<212> DNA

<213> Homo sapiens

<400> 30266

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aggctcttgtt	tttaatccat	ttaccatttc	tctgtcttct	tactggataa	tttaatctat	120
gtacattcaa	ggtaattatt	gatagataag	gacttgtact	gccctc		166

<210> 30267

<211> 179

<212> DNA

<213> Homo sapiens



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 gcagagtgc agttgctaaa agccattgaa atgttagttg ctggtaaact atatacaaaa 120  
 ttataatgct tctgtgtatt gttagaatga gaaatgtttg taccagacct c 171

<210> 30273  
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 <212> DNA  
 <213> Homo sapiens

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 cagcgtctg catatgattg ctccaggggt g 331

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 ggccagtgc catgacgtcg tgaacttggg ccagggtctc ccggatttcc caccaccaga 180  
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 aaaaagcaag gattaaagta agtccctaatt tctagggatc tgtatttgca ggtctagcct 180  
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<400> 30276  
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 taaatgactt gctgtgg 137

<210> 30277  
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<212> DNA  
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tctttattac cgtcgctata tggtaagccc tgacatcatg aattttcttc tttttcatac 180  
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ggctcacggc tgtggtcaca gcactttgga aggctgagggc aggaggattg tttgtkgcca 360  
ggagtctgag accatcctgg gcaacatggt gaaacttgct kctacagaar aatacraaaa 420  
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gctttttgca cgtgagccc 139

<210> 30280  
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<212> DNA  
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agcgtccgca gaggtgaccg aaaagccgta tgatgatggt cccgatttct ctgttggtcg 180  
gagtcggcca gttgcctgaa gtagggaagc tgagtgtgtc gctccctggt ccactgtttc 240  
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<210> 30281  
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<212> DNA  
<213> Homo sapiens

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 gcttagcagt ggaaaacaac acacatgtgt catctcagtg ttmgagagtc cagggctctgg 360  
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 tga 423

<210> 30282  
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 <212> DNA  
 <213> Homo sapiens

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 cttctacttt taaaaaagca cacggattgg tatgtttagg ggtgaaatgt cataatgctt 240  
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<210> 30283  
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 <212> DNA  
 <213> Homo sapiens

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 ataccctact catatctctc actcccc 87

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 ccagaaarcs tccamcaagc gggcaggtct ccagtgaagc gatgcacart ctgtcctggc 180  
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 <212> DNA  
 <213> Homo sapiens

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 tggctgcct 190

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 <212> DNA  
 <213> Homo sapiens

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<210> 30287  
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 <212> DNA  
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<210> 30288  
 <211> 187  
 <212> DNA  
 <213> Homo sapiens

<400> 30288  
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 tatcattcag ttaatgtgat ttcactttga aattctgtga ctttttcaaa aagagatgtg 180  
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 <213> Homo sapiens

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 gtgcttcctt gttgaatgtt aaattatttt actttgcatt ttataagagt acaaattaaa 180  
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<210> 30291  
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 <212> DNA  
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<400> 30291



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310

<210> 30297

<211> 387

<212> DNA

<213> Homo sapiens

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<210> 30298

<211> 383

<212> DNA

<213> Homo sapiens

<400> 30298

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cattaatgag	ttctcatcat	tgcacacccat	ttacctccca	taagatacat	ctataatggt	240
tcctgctgac	ctttcagttc	tattgtaagg	tgatattttt	ggtgcctttg	agatctttcc	300
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aaatctgtgc	tgaaactgtg	gta				383

<210> 30299

<211> 406

<212> DNA

<213> Homo sapiens

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gagctacttc	tgaaagaaga	aacttaattt	agattagtga	ccaaggggag	gaagagcttt	300
ctaggaaaaa	ggacaaaaaa	atgccaatga	ttgcagataa	atgtgttttc	tttttgggga	360
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<210> 30300

<211> 138

<212> DNA

<213> Homo sapiens

<400> 30300

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<210> 30301

<211> 243

<212> DNA

<213> Homo sapiens

<400> 30301

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tagagtgtga	ttttaatgat	tatgatcttt	gttctaacta	ttttgaggct	tcattaaaaa	180
ataaattatg	attttattgt	tagaatcggt	tctataaatt	aacgtcactg	cgcttgcccc	240
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<210> 30302

<211> 201

<212> DNA

<213> Homo sapiens

<400> 30302

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tcccaagtat	aacagctggg	acaggagggtg	tgtgccacca	tgcttggttt	attttttatt	180
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<210> 30303

<211> 423

<212> DNA

<213> Homo sapiens

<400> 30303

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caaacattca	cgtggccatc	tccttcatct	tcttctagtc	aaggatttaa	tatgtctgat	120
gagacaccta	ccctgactac	cctattcttt	ccaattccca	ttacactgcc	ctattatttc	180
cataacattg	tcagcatctg	acatacttta	ctatatgttt	tatttatttt	ctttctcttc	240
tcattacagt	gtaaatgcca	taagggcagt	ggtttgggtc	tcttgtttat	tgaagtatgc	300
taagcaccta	gaatattatt	ttacatatat	taggtactca	gtaaatatta	gttgagtaaa	360
tattttaga	acagattcat	ttcatattct	ccattttgtg	gttctgcttc	ctttatgtca	420
aga						423

<210> 30304

<211> 410

<212> DNA

<213> Homo sapiens

<400> 30304

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ttagtgcatt	gatggagcag	agacacatct	atgaacaact	gcctatgcaa	actgattact	180
cggcagtata	atztatcagt	ttgtatgagt	aagtgagtgc	ttctcactat	ggatttagct	240
tgcacttcaa	tttaggtaag	tatactgctg	cagcagcctc	gaaaccagtg	ctctctgatt	300
gtaccaatta	gtaaatcctg	aactttacca	tcagaaaaag	acatagctcc	acatttatga	360
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<210> 30305

<211> 106

004220" 666E7560

<212> DNA  
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ggtgggagta aaactttata taccctttct accttttcag ttgtgt 106

<210> 30306  
<211> 319  
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<213> Homo sapiens

<400> 30306  
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agtaaagaaa ggaaagacct catatttctt accttccagt agagaaatct ttctatgaaa 180  
tcagaggaaa gaattagagg accagaattt ttcctaaaaat caactttcat acatcttttt 240  
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gatgggagga agggggaca 319

<210> 30307  
<211> 201  
<212> DNA  
<213> Homo sapiens

<400> 30307  
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ttggagacag agtctcgctg tgtcgcccag actggagtg agtggtgtga tctaggctca 120  
ctgcaacctc cacctcccgg gttcaggcga ttctcctgcc tcagcctcct gagtagctag 180  
gattatagga atgtgccacc t 201

<210> 30308  
<211> 176  
<212> DNA  
<213> Homo sapiens

<400> 30308  
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cggatatttt ctcttagcac tttgaagagt ttaaaatcat agattgatgg aaattttctc 120  
ttagcactat tgtcttttat aatttgaaga tactttcagt ttaaattatg agtggg 176

<210> 30309  
<211> 79  
<212> DNA  
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aatatccaga atctacaaa 79

<210> 30310  
<211> 192  
<212> DNA  
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<400> 30310  
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<210> 30311  
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 <212> DNA  
 <213> Homo sapiens

<400> 30311  
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<210> 30312  
 <211> 206  
 <212> DNA  
 <213> Homo sapiens

<400> 30312  
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 ctctttcctt ctggatccag gaatcatctc ttcataatag ttattgtcaa atgtgttgtt 180  
 cctgagtaat tcatatctcc cactaa 206

<210> 30313  
 <211> 111  
 <212> DNA  
 <213> Homo sapiens

<400> 30313  
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<210> 30314  
 <211> 127  
 <212> DNA  
 <213> Homo sapiens

<400> 30314  
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 <212> DNA  
 <213> Homo sapiens

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atc

183

<210> 30316  
<211> 320  
<212> DNA  
<213> Homo sapiens

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gttcattttg tgttgctatt ccagaatacc acagactgga taattaataa tgaacagacg 120  
tttatttggt tcatgattct ggaggctggg aagtcctga gcatgacatc tatccagggc 180  
ctttgtgctg catcatccca tgggtggagg caagagggca agagggcaca agacagcaag 240  
caagcaagag ggggccaaac ttgcttttat aacaggccca ctatcttgam vcctaaccga 300  
ctcccatgat aacaatatta 320

<210> 30317  
<211> 149  
<212> DNA  
<213> Homo sapiens

<400> 30317  
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tagttcctca gctgaaacta aacaccggcc aatagtgtaa tatgttcaac attttattaa 120  
cacgagatga atctcagga catggagca 149

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<211> 251  
<212> DNA  
<213> Homo sapiens

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caaacatgta ataaactttg gataattaaa taatgtgcca aatttaagtt gtaccacaat 120  
attcaaatca tagtcttatg gaactctgta attggatata aacaaaaact tgtcatatag 180  
gaattttttt ctgtcttttc cctgtgtaca gcaaactgag gaagaaagat cattatttaa 240  
tactcgccc t 251

<210> 30319  
<211> 149  
<212> DNA  
<213> Homo sapiens

<400> 30319  
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caaacagggtg tccacaccac ggccacgcgg acacggagtc ggggaatctg gatccccaca 120  
tgcccgccga gaactctcca gctcccgtt 149

<210> 30320  
<211> 137  
<212> DNA  
<213> Homo sapiens

<400> 30320  
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ggtttttata tgttcagggg caaagacaca agcacctgcc tcttaggcag ttgtaaagat 120  
gtattttgag ggcccg 137

<210> 30321  
<211> 246  
<212> DNA  
<213> Homo sapiens

<400> 30321  
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ttgaacacct gttttcagtt cttttgtgta tagacaggta gtccctgrcc tyaaggattt 180  
tytgmcttta caatggmgtg mgagcactac acgctcagta gaaaccatac ttttgagtac 240  
ccacct 246

<210> 30322  
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<212> DNA  
<213> Homo sapiens

<400> 30322  
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agcgtgaacc ctattgtgaa ctgcacatgc aagagatcta ggttgtgcgc tcattatgag 120  
aatctaatac ccgatgatct gaggtggaac agtctcatcc tgraaacaaa cywacccccg 180  
gr 182

<210> 30323  
<211> 132  
<212> DNA  
<213> Homo sapiens

<400> 30323  
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cgagccctaa cc 132

<210> 30324  
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<212> DNA  
<213> Homo sapiens

<400> 30324  
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cgcgacccc aa 132

<210> 30325  
<211> 91  
<212> DNA  
<213> Homo sapiens

<400> 30325  
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actgcgggcg cccgccacca cgcccgcca a 91

<210> 30326  
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 <212> DNA  
 <213> Homo sapiens

<400> 30326  
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 gggctgtgtc acgcggcatc at 82

<210> 30327  
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 <212> DNA  
 <213> Homo sapiens

<400> 30327  
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 cttgtggctg gctcactact agacattctt tttattacgc ttcagaaaga acgctttaag 120  
 caactgtgaa tttacttcta ctgttgtecc gcccacm 157

<210> 30328  
 <211> 217  
 <212> DNA  
 <213> Homo sapiens

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 aacatgtttc ttattctgtg atctctaatt agaaagtaaa attcygktgg ccataaatat 180  
 aaaggaaagt tttcacttat attttagtca aacacca 217

<210> 30329  
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 <212> DNA  
 <213> Homo sapiens

<400> 30329  
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 aaagctaaac agtttttatt ttttaactgc aggtcttctc atagccttta atttgcaaaa 120  
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 aac 183

<210> 30330  
 <211> 89  
 <212> DNA  
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 tgacaccac caagcaaaaag tttcagccc 89

<210> 30331  
 <211> 133  
 <212> DNA

<213> Homo sapiens

<400> 30331

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gtagagggtg tagtgagccg agattgctcc attgcactcc agcctgggca aaaagaacaa	120
aactccgtct caa	133

<210> 30332

<211> 282

<212> DNA

<213> Homo sapiens

<400> 30332

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tattaacatt cttttgagcc tgttttttaa aagggggagg gagcgtgaag aattgtttaa	120
catttgcca tcgtttggct gcacactaag caccacgaag tatttatggt tgcagatcag	180
gtgcaaaccg ggcttagaga gaaaggatat agacctgcag ctaactggat ttgatttata	240
agagagaaat ctgcagtcaa tgcccactct tgccacatcc ac	282

<210> 30333

<211> 173

<212> DNA

<213> Homo sapiens

<400> 30333

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cgtataatga gtaaggagac tagatcagta atccagtctc ccaacaaaga aagcccaggg	120
caagatgagt tcaactggtga attccaccaa acctttaaag atttagcagc aat	173

<210> 30334

<211> 217

<212> DNA

<213> Homo sapiens

<400> 30334

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gcatgaatcc atacatcatt cctggaagtg aggcaagact cttgcatctc tacaaagtag	120
ttttgtcaat ttgaattcag ggaaaagttg gtcacagcct gcaaatgact tcatttgga	180
gtctgattgt ttcagttgcc tgacaaatac tacactg	217

<210> 30335

<211> 285

<212> DNA

<213> Homo sapiens

<400> 30335

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cttgttttct gtatgtttta atgttttctt ggctatgtgc aattctaaaa atcagagagt	120
actgtttgt acccttttct acactttgaa agtttgatag cagaaaatga ataggccaaa	180
agtgactta aaaaattggt ttcccaggaa aggacaccaa ttgaaagcac acagctcaat	240
ggattatcac agagtgaaca ccactatttc tcttcacccc agttt	285

<210> 30336

<211> 238

<212> DNA  
<213> Homo sapiens

<400> 30336  
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tgctctttgt atatttaagt gttgtaagga aacgtgtttc aatcaaaact gaccatgaga 120  
taaaggaaag agatgtggct tttgtgatat tctatcacia acacttattg tatctctgta 180  
aaatacaatg tatgtatgca tgtaagtgtt tttgtcctaa tgttgctact cccatgac 238

<210> 30337  
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<212> DNA  
<213> Homo sapiens

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ctagctgcac tctctgttca cttcattccc acttcctttt accactgacc tcccacagac 240  
ttatttaact gcttcctttg ggagggacta ttctttcctc tectacctga cctcccctgc 300  
gac 303

<210> 30338  
<211> 133  
<212> DNA  
<213> Homo sapiens

<400> 30338  
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aataatttac cacatagctc taaaacttaa tttaaaatgt aattccagaa aaaaaaaggg 120  
aataagcaag ggg 133

<210> 30339  
<211> 122  
<212> DNA  
<213> Homo sapiens

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atgcaagcaa gaagagaatg ggttttaata ttttaattct tgatagaaat aaaaaactca 120  
cc 122

<210> 30340  
<211> 338  
<212> DNA  
<213> Homo sapiens

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gggttttatg agggctttgt taagtbnaga gggaaaagag actgagcgar ggaaagagag 300  
aggcaaagtg gaaaaggacc ataaactggc aaagccgt 338

<210> 30341  
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 <212> DNA  
 <213> Homo sapiens

<400> 30341  
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<210> 30342  
 <211> 202  
 <212> DNA  
 <213> Homo sapiens

<400> 30342  
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 gtgctagtat gataaattcg ggagcataga agttaggact tgcacacctca ttggaggcaa 180  
 aaattgggta ttggggaggc ac 202

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 <212> DNA  
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 agagtgtgaa gaaagaacat ttcacatctc tgcccaaatt cacaaaacaa gtaagtagca 180  
 gagccaagtc tacttcaaaa tttggtaatc tttatgggtc tgcaatactc tgttttcttg 240  
 aataagtaaa atacagctct tttaaatagc acaggaagag tcttggttgc ccctttcact 300  
 acaacttatg acttcccatt atacacaccc aaac 334

<210> 30344  
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 <212> DNA  
 <213> Homo sapiens

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 gcttttaggta atgggattta cttttttt 87

<210> 30345  
 <211> 174  
 <212> DNA  
 <213> Homo sapiens

<400> 30345  
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 tttattgaag tttattccct taatcagtga aggacaaccc ttatttatta cctagagcag 120  
 ttgtataatt cgctgttaga aattttggta ttgggacagt ggataagcag gcac 174

<210> 30346

<211> 207  
<212> DNA  
<213> Homo sapiens

<400> 30346  
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gtggaggaaa actcacacat tcccgggaca gtgatcatat tcttcgttcg cgtgttgtct 120  
caggtctaca aagaaagcca tctgtgagct cagcctccag gggctccgca ttgcctacaa 180  
cagcacaaaa gccaaaccg tcagccc 207

<210> 30347  
<211> 169  
<212> DNA  
<213> Homo sapiens

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ggccactag tgtgcatttt aaacaaactt cctaggtgat tatttcacat tccaaaatct 120  
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<210> 30348  
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<212> DNA  
<213> Homo sapiens

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ataaattacc cttttcaaac cgatcatcat tgtttctgtt tgttaaactt aatgaatctc 300  
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acaccacta 369

<210> 30349  
<211> 63  
<212> DNA  
<213> Homo sapiens

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gct 63

<210> 30350  
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<212> DNA  
<213> Homo sapiens

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cagtacacgg tg

312

&lt;210&gt; 30351

&lt;211&gt; 126

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30351

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caccgc						126

&lt;210&gt; 30352

&lt;211&gt; 191

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30352

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gctctttttt	ggttccatat	gacctntaaa	gtagtttttt	ccaattcttt	gaagaaagtc	180
attggcagcc	c					191

&lt;210&gt; 30353

&lt;211&gt; 162

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30353

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ccaagtcgga	gatgcagatc	cactccaagt	cacacaccga	gaccaagccc	cacaagtgcc	120
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&lt;210&gt; 30354

&lt;211&gt; 292

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30354

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ggtttaactt	agtattcatg	actgggcacg	gtggctgatg	cctgtaatcc	ttgcactttg	240
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&lt;210&gt; 30355

&lt;211&gt; 242

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30355

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aacttgcttg	gttctgaggc	ctttgaacct	gagctgagcc	acactactgg	ctttcctggg	180

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<212> DNA  
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aacagcttca tatcagtgat aaagattgtt attaaaagat aaatactgtc tgtaattttg 240  
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<211> 203  
<212> DNA  
<213> Homo sapiens

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ttccctcact gctgattcct ggatagaaac cattctttat atttgataga ctgttttcag 180  
aaaactctta tcaacaagtg ggc 203

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<211> 251  
<212> DNA  
<213> Homo sapiens

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agaagaatgg caaggctaac agggcagggtg tccgggcgga ggggcggaac tggctgttgg 180  
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gacaggacac t 251

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<212> DNA  
<213> Homo sapiens

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ccaaarc 127

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<211> 125  
<212> DNA  
<213> Homo sapiens

<400> 30360

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gagac						125

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gaagatataa	caaagaacca	aatagaaaaa	aatggaaatg	aaaaattcaa	caagtaaatt	180
tttaaaaatt	actggattgg	ctcaataaca	gaatggagat	ggcagaggaa	ataataaact	240
tgaacattca	tcaatagaaa	ttatccattc	tagacaagaa	ataaaatcaa	ttgggggaaa	300
aa						302

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 <212> DNA  
 <213> Homo sapiens

<400> 30362						
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gcattctagg	tcaacggtgc	ggtggcagaa	ccctggggct	ctccccgcg	gaactcggcc	180
ctggccgagg	cccccaaccac	gctagtagga	ggaggccgag	catccctcct	cgaaatcgcg	240
aaatcccggc	ccgacaatgt	agccacggag	tcgaaagccg	cgtgcgaact	tggcactcac	300
aaagcctaga	taaccgtcta	ttttcatvtg	taaaatagga	gggatggacc	cccacagca	359

<210> 30363  
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 <212> DNA  
 <213> Homo sapiens

<400> 30363						
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agtgaaaatt	gttgatcttg	ctgtaggggc	a			91

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 <212> DNA  
 <213> Homo sapiens

<400> 30364						
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tctttcactg	agaatttgct	cgtgagcctc	agagacccca	ttc		163

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 <213> Homo sapiens

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 aggatTTTTA tagttttggg ttgtagattt aagtcTTTAA tccatcttga gttaaactnt 180  
 gtatatgggt taaggaaggg gtccagtttc aatttgctgc atatggctag ccagttctcc 240  
 cagcaccatt tattaatatag ggaatctttt cccattgct tccttttgtc aggtttgtca 300  
 aagatcacat ggttgtagggt gtgtgggtctt atttctgggt tctctagwkc tgttccattg 360  
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<210> 30366  
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 <212> DNA  
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<210> 30367  
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 <213> Homo sapiens

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 tgatttttcc atgttcttca acaatccagc agtaatgata tttaatatatt caggctat 178

<210> 30368  
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 <213> Homo sapiens

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 ggcacagcca agccccgcc aactttgatc ccgcatccca gcgtcactca gctctggaca 180  
 aa 182

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 <212> DNA  
 <213> Homo sapiens

<400> 30369  
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 aagcgcagga gcgcacgcm gaggtatgg cgggggaacc tctgtgagtt ccgcggcgga 180  
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<210> 30370  
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SECRET

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<211> 166
<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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<210> 30373
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<212> DNA
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<210> 30374
<211> 128
<212> DNA
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8818

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128

&lt;210&gt; 30375

&lt;211&gt; 160

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30375

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tgcaataaag tgtaatcttc cagttagttt gcaaacacct	160

&lt;210&gt; 30376

&lt;211&gt; 236

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30376

cacattgcgc aagtttcagt tactagaaag gaaggggaga ataaaaattgg taggcacctt	60
atagtcctcg ccattcttctt aatgtaattgt caattttgaa ttttttggtg tgatatatga	120
tgcataagca aaccgtgtac tgcttagaga aaaataaact gacacctgtg taccacacagt	180
gcacttcagg aagtgcgccg ttctacgctt tggaagcccc cacatgccgc caccca	236

&lt;210&gt; 30377

&lt;211&gt; 362

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30377

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tcttaagtgc atttggtgcac ttctgtttgt ttgtctcaaa gaagggactg taacaatctg	120
agtaatttcc atgtcctctt ccttattcct ctagtggwtg aagctgtgta gcattttaac	180
atatatatat tcacaaatat attcatataa acagtataca ttttgaatca gtcatttggt	240
aaagaaaagt atattcaatg aagatgaaat ttaaataaaa aaaggacaga gtctatcctc	300
cagggtattga acattttcca attatctggt cttttcctgt tgtgcaaaaa tgactcattg	360
ct	362

&lt;210&gt; 30378

&lt;211&gt; 244

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30378

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atagaaaata tctacaaatc ggactgcatg gaaatcaaaa ttttctacat ggcaaacgt	120
tacagttgac ctttgaacaa ttcagggtatt ggcgtaccca cccactacgt gcagtcaaaa	180
atatatatat aacttttgac tgcccgaaaa ctttactgat tgctgtcta ttgacctgaa	240
gccc	244

&lt;210&gt; 30379

&lt;211&gt; 71

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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<210> 30380  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<400> 30380  
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 gtcttggtgt tcttgtatga gtaaaatgga tgtaaaatca taaaatcaca gtgaatgttt 180  
 caggctacac tggaaaaagt atgcacttag aattaaagga aattgtataa ttcaccaaga 240  
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 ctggtttttc acagccatga 320

<210> 30381  
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 <212> DNA  
 <213> Homo sapiens

<400> 30381  
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 gaggaactgc cat 133

<210> 30382  
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 <212> DNA  
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 taattccccc aaatcttagt atctggtagg aatttcactg actgtttgct gctacatgct 180  
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<210> 30383  
 <211> 78  
 <212> DNA  
 <213> Homo sapiens

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 atgttcatca cctcacct 78

<210> 30384  
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<212> DNA  
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attaatagtt cctataaggt gatttggaac caggaacctc aattgccaaa tcaaggccaa 180  
aataacaaat ttgatagatt atgggatcaa ccttagccaa atagcttata ccatgaaaca 240  
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gcacagacac ca 312

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<213> Homo sapiens

<400> 30386  
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<210> 30387  
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<212> DNA  
<213> Homo sapiens

<400> 30387  
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aatcctgtcc ttaagatgta tcccactagg aatggaaggt caaatagctg catttaaaaa 180  
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<210> 30388  
<211> 367  
<212> DNA  
<213> Homo sapiens

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acaatatatt ttggaacag ctttattgag atataattca tgtatcatc aattaattcc 180  
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<213> Homo sapiens

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cacacagcgt	gagtcaatca	aggagggaag	ccacaagcag	actgacaacg	tttctaggta	300
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<211> 97

<212> DNA

<213> Homo sapiens

<400> 30390

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<210> 30391

<211> 356

<212> DNA

<213> Homo sapiens

<400> 30391

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cgtttgtaaa	ctgagtttct	gtaaaacaat	tttatttttc	atatgtgact	gtagcggggg	180
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gttccgtttt	cttacctcgt	ctccgtcacc	gaggccctca	gccctgaaca	caaggactgg	300
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<210> 30392

<211> 411

<212> DNA

<213> Homo sapiens

<400> 30392

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gacactgcat	ccattagtgg	caccatcaca	aatgamaaga	gaatttcctc	tgttaaattt	180
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gattcactag	tgtgcctctg	cgaattttaa	gctcatgaaa	acagggttaag	gacatgttca	300
gttttgaaat	tccagagcat	catgttattg	tttcagcatc	gagtgatgg	ttcatcaaaa	360
tgtggaagct	taagcaggat	aagaaagttc	ccccatcttt	actctgtgaa	t	411

<210> 30393

<211> 325

<212> DNA

<213> Homo sapiens

<400> 30393

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attgaggaag	ccatggtcaa	aaagtgggca	gactttgctg	gcagactgag	ccacttacct	300
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<210> 30394

<211> 344

<212> DNA

<213> Homo sapiens

<400> 30394

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ttagcttgct	ttcaagcttc	accccttgca	cttaacataa	gctatttttg	gcatttgtgtt	180
atcatcggct	tattttatag	atcaatattt	ttatttcctt	ttttgctgag	gaaatgaaga	240
taagcaaaaa	tataaatata	tatatrartr	trtgagttat	taaaatcaga	agaatacttt	300
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<210> 30395

<211> 256

<212> DNA

<213> Homo sapiens

<400> 30395

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atcccagcca	gtcaggaggc	tgaggcagaa	gaatcgcttg	aaccaggag	gtggagggtg	180
cagtgaagcc	agatcacgcc	actgcactcc	agcctgggtg	acagagcaag	actctgtatc	240
aaaaaaaaaa	aaaaaa					256

<210> 30396

<211> 260

<212> DNA

<213> Homo sapiens

<400> 30396

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tctcaaatgg	ccgttctccc	tctgtccatc	gtgttttcat	gggttacaca	ttttatatat	180
catgaatgga	aaagattctc	tgttcacgaa	ttcctggttc	agaacaaaat	aggaaactaa	240
agtaagcatt	tacgacatac					260

<210> 30397

<211> 230

<212> DNA

<213> Homo sapiens

<400> 30397

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ggaagatgct	tcatctgccc	ctgcccagat	ccggaagaac	ggtgaatttc	ccccgcagct	180
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 gatgttaaac aacagaatta aaggacaaag ctgtcttttt tgttggaatt ggggatggga 180  
 gagcagctca aagtgggaaa tatggagaaa ggagagacat tgtggaaaag aagagataaa 240  
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 taaaaattgt agtcaatatt atttctttca atttatttgt aaaacaaara agtttttagtc 180  
 tcaatttcat tctagaagt taatgtgaat aaatgggtat ggtgtatatt cttccataac 240  
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 ggmaaaccac ataccacatg ttctcactta taagtgggag ctaagctatg ggtacgcaaa 180  
 agcagacaga atggtataat ggacactgga gactcggarr ggggcaggta ggggagtga 240  
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 tcccagatct 310

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 aggctcggta ccgatgcgtg ggctgggcta ggtccctctg tccatctggg cctttgtatg 180  
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 cayyty 306

<210> 30405  
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<210> 30406  
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 <212> DNA  
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 aagtcacakg agtttcccc caaccccaac catttagttc ttgtgccttt ttttcttg 180  
 ctttctgcat aaactagghc ctctagtaca atagtaaata aaagtgggta cagtcttggt 240  
 ctcagakgma agcttcacca ttttaccatt aagtarata tgtgcaatwg tgattgtttt 300  
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 hgggtgtatat gtaccacatt ttctttatcc aatttattat tgatggrcac ttacgtttat 360  
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<210> 30408  
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 <212> DNA  
 <213> Homo sapiens

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 gaagcaggcc gtagtgtgtc tactgtcttc ccttgscctt ccatccccta ctttgatgk 180  
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 <212> DNA  
 <213> Homo sapiens

<400> 30409  
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<210> 30410  
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 <212> DNA  
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 ctataatttc acagtgatgt tgtgggtgtg aaatctttct cattttttga gctgtgtctt 180  
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 ggaatgatgt cctca 375

<210> 30411  
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 <212> DNA  
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 tcccatgact aagcgcttat ttaaagacat atttctcaga ggaactgtaa ggggatttca 180  
 gctatgtgag ttccttaaaa acagccacta tccttaaaaag ttgaagatac ca 232

<210> 30412  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<400> 30412  
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 tttttggagc atttagttcc aagcaccttc cctgcatttt ctcagttaat cctcccagtg 180  
 actctttgaa gcagggacta tgacaatcgt catttcacag atggagcaac tgaggcacag 240  
 agaggaagtc aatggccacg gtcgcccagc tgaggaagga tggagccggc tgc 293

<210> 30413  
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 <212> DNA  
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 gtggatcacc tgaggtcagg agttcaagac cagcctgact aacatgggtga aacctgtccg 180  
 tctcaaaaaa taaaaaaaaa agtgcaggtc aggcattggg gctcttgcct gtaattttag 240  
 gactttggga gact 254

<210> 30414  
 <211> 116  
 <212> DNA  
 <213> Homo sapiens

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<210> 30415  
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 <212> DNA  
 <213> Homo sapiens

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 tacagttttc taaatctttt aaaaaaaagg tgtggatata caaatccaag gtgcatgatg 180  
 agcttcaagt aggatatacc ccgagagacc cgac 214

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 <212> DNA  
 <213> Homo sapiens

<400> 30416  
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<210> 30417  
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 <212> DNA  
 <213> Homo sapiens

<400> 30417  
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 tttagaaata atgaataaaa taaaaatcag ccattgaaat tgctctaatt ttgagagctt 180  
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<210> 30418  
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 <213> Homo sapiens

<400> 30418  
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 ccacacaata atgcatgggt gct 143

<210> 30419  
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 aagtgtttta caggtttcat ttaatcttta ctattccggg gaagttttca tttccttggt 240  
 ttacagatga gtacactgaa actcaaggaa ttagatatga tatccaaggc catctagatt 300  
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<210> 30420  
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 <212> DNA  
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<400> 30420  
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 cgggtggata taattcccg cttctcgaga agacactaca gcctcaagga ggtatatccc 180  
 gtgccttacc tgactggggg ctctgagtc agttgtgttg tcttcaactt agacaccatg 240  
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<210> 30421  
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 <212> DNA  
 <213> Homo sapiens

<400> 30421  
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<210> 30422  
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 <212> DNA  
 <213> Homo sapiens

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 tgggactaca ggcaccacc accacgcctg gctaattttt tttt 164

<210> 30423  
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 aacatttttt gctctaaatt taccataatc agtagagctc agccttttta gtaagcaggc 180  
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 aaganaaatt attgccacat tttgctgtac a 331

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<210> 30425  
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 <212> DNA  
 <213> Homo sapiens

<400> 30425  
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 cgtaagttga tctaataa 78

<210> 30426  
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<213> Homo sapiens

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actgctgcga tgcctcagcc ccgcctctc	149

<210> 30427

<211> 79

<212> DNA

<213> Homo sapiens

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<210> 30428

<211> 313

<212> DNA

<213> Homo sapiens

<400> 30428

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ggtaargacc atgttgtagc aggtaaagtc atctttccac ttggaatttg arttgrcaca	180
attaaacca cacatatgtg catacatgtg tgtaaaatat atctaaaatc tctgtatatt	240
taactctcta tatctacttt atataccagg rgttcccaag gggtattgat ttctagttcc	300
ataacacca agc	313

<210> 30429

<211> 75

<212> DNA

<213> Homo sapiens

<400> 30429

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<210> 30430

<211> 62

<212> DNA

<213> Homo sapiens

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<210> 30431

<211> 147

<212> DNA

<213> Homo sapiens

<400> 30431

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gctattccag cttgtgaaaa gggcttt 147

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<212> DNA  
<213> Homo sapiens

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<211> 388  
<212> DNA  
<213> Homo sapiens

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<210> 30434  
<211> 207  
<212> DNA  
<213> Homo sapiens

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cctactgttc ttccatcagg aggcccttag gagaccaacg gtttggtaaa cacttagaac 180  
tttgccaaaa tacattagga cacggga 207

<210> 30435  
<211> 167  
<212> DNA  
<213> Homo sapiens

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ttattattgt tattattttt taggaccagt tgtagtgaat tgctactgga aagctatccc 120  
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<210> 30436  
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<212> DNA  
<213> Homo sapiens

<400> 30436

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ttgaatgtcc	tttcttcctc	ttatctaatt	gctctagcca	ggacttctag	gatgatactg	300
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 <212> DNA  
 <213> Homo sapiens

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ctactggaca	ttcagtcctc	gggcgaccga	atgacactat	cagaataagt	cgaggaagta	180
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<210> 30438  
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 <212> DNA  
 <213> Homo sapiens

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ttcagcctcc	caaagtgcta	ggattacagg	cataagccac	cacgcctacc	cacagttaca	180
gtcttaaaca	cgatcttcaa	gtagattgat	gataaaattt	tcagttagtt	atagtctcaa	240
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 <212> DNA  
 <213> Homo sapiens

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tgcttatcat	taatttctga	tgttttttta	agcacaactc	gaaacatttc	gatacatacat	180
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tgttctaata	ttagtgaact	tgaattggat	ttctgggtaa	aagaatgtgt	ttcttttatg	360
ttgcttctgt	ccgaagcctt	gtcagaatct	gtcagactct	tgtttaggtt	tagtgtgatc	420
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 <211> 59  
 <212> DNA  
 <213> Homo sapiens

<400> 30440						
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<210> 30441

<211> 386  
 <212> DNA  
 <213> Homo sapiens

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 gttgagatca ggaaccatag catttatttt taaatttacc ataatgctag gcattctatct 240  
 gattattcag tagatattta ttaaattgtat gtacttacta attgaattaa ctcccaactt 300  
 ccaaaaatgg atttgtggtc agacttggtg aattgattga ataaagagta gcttaatctg 360  
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 <212> DNA  
 <213> Homo sapiens

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 ttggcccttc tccatgrtat tattatcaga caaaa 155

<210> 30443  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

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 tttctttttt ttttataact taagtctctg gatacatgtg cagaacgtgc aggtttgtta 180  
 cctaggtata catgtggcat ggtggtttgc tgcacccatc aacctgtcat ctacattagg 240  
 tattttctct aatgctatcc ctccccttgc cccccacccc caa 283

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 <212> DNA  
 <213> Homo sapiens

<400> 30444  
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 ttgttaatgg cattaacat 199

<210> 30445  
 <211> 64  
 <212> DNA  
 <213> Homo sapiens

<400> 30445  
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 aaaa 64

<210> 30446  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

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 ggactaatga aggaatatta ataagtttat aaaacatgta ttgagtgtcc gctacatgcc 180  
 agtcactgtg ttgcattcca gagtgacaaa gataagacat gattcctacc ttcaatgaga 240  
 tcaaattctta tagttaaaact gcctggaaac atccatagat cattctcaac ttctctaccc 300  
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<210> 30447  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 30447  
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 tgtcaaccat ttgcatggct gggctccagg gaaactactg acaacgacag gtgggtgggc 180  
 atagtttctt gacccctgtg ctatgccaga atttcttttt cctcttcctt atgagtggac 240  
 taaatatgtt aatttcctttt cacctttcaa aacggacagc cccttgaaca ttaaaaactt 300  
 tgcagaccgc t 311

<210> 30448  
 <211> 63  
 <212> DNA  
 <213> Homo sapiens

<400> 30448  
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 cag 63

<210> 30449  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 30449  
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 ggatttaatg ccaccctcat cgagctatga atgactttct tcacagagtt ggagagggct 180  
 gctttgcagt tcatatggaa ccagagggga gcccgcatg ccaagagaat ttttaagccaa 240  
 aagagcaaag ctggaggcat cacgctgcct gacttcaaac tatactacaa ggctacagta 300  
 acaaaaaacac catggtactg gtaccaaaac agagatacag accaatggac agaacagagc 360  
 cctcagaaat aataccac 378

<210> 30450  
 <211> 304  
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<213> Homo sapiens

<400> 30450

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ggctggccaa	catggtgaaa	ccccacctct	actaaaaata	cacctgtagt	cccagctact	180
caggacgctg	aggcaggaga	attgcttgaa	cccagagagg	agaggttgca	gtgagccaag	240
atctcgccac	tgcactccag	cctgagcacc	aagagcgaha	ctctgtcgca	aaaaacaaaa	300
acaa						304

<210> 30451

<211> 140

<212> DNA

<213> Homo sapiens

<400> 30451

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agtcatattg	aaacaacctc					140

<210> 30452

<211> 398

<212> DNA

<213> Homo sapiens

<400> 30452

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gyttmagcct	cctsgagtag	ctgggactac	aggtggggaa	accaaggcat	gggggaggtg	180
aactaacttg	ccacacagct	gataaatact	agagctgggtg	aagaaggagg	ccgtcagggg	240
aggcttcttg	ggaaggtgct	gcacctgtgc	caggcctgga	gcaggtgata	tcaatatgga	300
agaaagggga	aggcatcacg	cttagctggg	gcatggtttg	tactggctac	atgtctcttt	360
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<210> 30453

<211> 294

<212> DNA

<213> Homo sapiens

<400> 30453

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ccgggacag	aagaggctgg	ggaccgcggc	gaaggtggtg	agtgtctctg	ggcgscyttc	120
tcccaacgtc	cctgccagac	tcgcctccgg	gtgtattctc	cagttgggtt	cctggactcc	180
agagtagctg	tccggcctgg	ccccggaggt	gcaaagtaag	aaaattgaag	tcaaagacca	240
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<210> 30454

<211> 418

<212> DNA

<213> Homo sapiens

<400> 30454

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tctcgctcct	gattncttgg	aaggtcagat	aacaatgtag	ttttggcttg	gtggcctgga	180
actttaccgt	gagtaactcc	atthttggtht	ggtctactgg	ggcctagtgc	aggaacttac	240
ttcaaaccat	tgacctccta	taaatthttat	ttaacagaga	tcataagtht	atgagccggt	300
aaattactat	agcatttcatt	tctaathttat	agthaaaaca	catcctgtta	thtaththtt	360
tcacataatt	gthgaaatcc	aacacagcta	cgaatgagtc	ttaatgthtt	ttaacatt	418

<210> 30455  
 <211> 58  
 <212> DNA  
 <213> Homo sapiens

<400> 30455	ccacatccta	cctcccacat	cttggtccca	attactaaca	tataatctth	thththth	58
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<210> 30456  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 30456	gtgattgcat	ttaggmctgt	gacccththt	ggattactth	gtgtgtgttg	tgtaaaggth	60
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	gaaaagattg	ththththth	tattgaatta	thtcagcacc	thtaaaaaat	gaccataaat	180
	gtaaggthth	atthththth	ththththth	ththththth	ththththth	ththththth	240
	gtggattgta	ctthththth	gtatctaaaa	agthcatcacc	aaatccatgc	thacctagat	300
	ththththth	attactgctt	aggactthth	ththththth	ththththth	aggtctgcga	360
	t						361

<210> 30457  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 30457	tggaggagth	tcagththth	thgatcatag	ttaggatcat	ctgatgtgct	ctcaagggtg	60
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	gacctctgta	ctthththth	aatgctgagth	ccaggthgcca	thgatkaaaag	ggatctthth	180
	cacaaagatt	atgthththth	tcagththth	atggccatgt	actthththth	cgccactat	240
	gtgcagthth	ctctgctcag	cattgtggag	acagcaagaa	aggcaggagg	ggctththth	300
	accaggacct	thcttattag	taaggagata	agccacgcac	acacaaaatt	a	351

<210> 30458  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<400> 30458	ththththth	ththththth	ththththth	ththththth	ththththth	ththththth	60
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	ththththth	ththththth	ththththth	ththththth	ththththth	ththththth	180
	ththththth	ththththth	ththththth	ththththth	ththththth	ththththth	240
	ththththth	ththththth	ththththth	ththththth	ththththth	ththththth	261

<210> 30459

<211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 30459  
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 accatgatac ctctgggaaa ggaattatat tccaaggag aggtcccttt ggataagaac 120  
 aataccatgg gacttgagtc tgaatgccaa cttactattc acasrtcctt cttaaaracg 180  
 racacactgt ttcttkytcc tgacctagag cattctaaag ttctgttcaa ataaataaag 240  
 ggcaaaataa agtagattta accaagtgcc argtggaatt cammaaacac attcttccag 300  
 atarattcta cctttatggg atggatttga aagtactttg caggawaaca gtcagtactc 360  
 tttaaaaagg gmctgcaggg ctgggtgta 389

<210> 30460  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<400> 30460  
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 ctgcgtgcc cagccttctc agtggaactg cccctcctaa gcagagaagg cctatgaggt 180  
 trmttgctgc tgggaagcct ggcagagcca attaccaccc tctgtgtgct agtgcttggg 240  
 tacctcttgc aataaccagc ga 262

<210> 30461  
 <211> 230  
 <212> DNA  
 <213> Homo sapiens

<400> 30461  
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 ggatctccac tgataagact gtttttaagt aacttaagga cctttgggtc tacaagtata 120  
 tgtgaaaaaa atgagactta ctgggtgagg aaatccattg tttaaagatg gtcgtgtgtg 180  
 tgtgtgtgtg tgtgtgtgtg ttgtgtgtgt tttgttttt taagggatgg 230

<210> 30462  
 <211> 184  
 <212> DNA  
 <213> Homo sapiens

<400> 30462  
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 tgtaagaatg tgctcttcat ttaagaagtt tggctcttca aagaggcaga gagatgggga 120  
 tactaggctt gaaaatgagg ctgacagggt gaagaagcct ctttattatt ataggagaga 180  
 ctta 184

<210> 30463  
 <211> 186  
 <212> DNA  
 <213> Homo sapiens

<400> 30463  
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acacttgact tatgggtact gggttcctgaa ccacttagaa cagtcattggt aaccagtggt 120  
 ggaaactatc tggacttggg ttgctttctt gaattgcttg gggacaagaa gttttgatta 180  
 aggtag 186

<210> 30464  
 <211> 233  
 <212> DNA  
 <213> Homo sapiens

<400> 30464  
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 ttggcgcttt cttaggttat gttgaaaaaa agtgcctttt tgaaatcagt tttctatggt 120  
 gacttaattc taggtattgt tttctctttt cttccctgta atgtctcccc aatccatggt 180  
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<210> 30465  
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 <212> DNA  
 <213> Homo sapiens

<400> 30465  
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<210> 30466  
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 <212> DNA  
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<400> 30466  
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 aatgttaatg gactttaaaa gcttaatggc atttagttag gagatccttg tggatatattc 180  
 tgtgatctgt tgttttcttt gtattttcaa ttcagtgta caacctggga aaaataaatc 240  
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 tcttggtc tgcattgcccc ac 322

<210> 30467  
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 <212> DNA  
 <213> Homo sapiens

<400> 30467  
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 atagtacata ttgcaatatt ttatgcaaaa tttattagtg tgattacttg tttaaagtgt 180  
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 cttatactgt cttagacact tcagcagttt gattaagggg aagtgaacct tatttgagtc 300  
 agctccatgg tactgttcca ggtgttttac ctgtattttac atatgtgcct atgtttgcta 360  
 atttaagtgt tagataaacc tataaggcaa atattattcc ttctctttta caggtgamca 420  
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<210> 30468

<211> 434  
 <212> DNA  
 <213> Homo sapiens

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 ctgagtctta gttattgaat gctcacagat ttagaattgt catatctttt cagcaaattg 180  
 aattttttat cattatgaaa tctccctttt tatctgcaat aatctgtttc acattaaatt 240  
 ctactatgtc tgataaagtt cagctctcac aaatttcagc cctacaaaca cagcagcctc 300  
 ttctagtgc aagtgacttg ctctccacat atacgtatag gaattgcagt ttgaggtccc 360  
 agacaaacct gacctgcaaa tgaatcccat tatctaatta aatgactctc aatgctagtt 420  
 acacattaga atca 434

<210> 30469  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 30469  
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 acctaaaagg ctgttctttg tttcccccct tcatactatt cttttccatg acccaggatg 120  
 cagcaaataa aacagatttc ttctcttaag gggatattaa gactgttact tcctagtaag 180  
 ccaagtaata ccatantttt attaacatct aacttttgta gatgggtgct aaaatngcat 240  
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 gagctagcac ttgggtttgt tgttgctgtt gktattaag agtattgtgt taattaaatc 360  
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<210> 30470  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 30470  
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 acgtaacgag gaaaagttag attattttac tatggaagga acaggttgta agaattcatta 180  
 cttgttatct ttttacctgg caaattatac tgattgctgt gtagcctcct gatcggttctt 240  
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 caatcaacat catttagtga ccatagacac taagatatat gaccaacagt aagaaaagga 360  
 cacagtttgt gttacagatc cataatcc 388

<210> 30471  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 30471  
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 taggaattag atttgtgaga actaaacaca aactgaatt tgtgaaaatg tgtgcagttt 180  
 agagtaatta gagaaaatga taagtctcac tcagaccaca tggaaatggg ggtagagtgt 240  
 gtgtgtgttg tggatgtgtg tcttcactta tctgtctagt ggaagggttac tgtktaaaaa 300  
 atgtagttcc aacacagcca ctagtgtgtg ctactttaga caagtattta aatctttgca 360

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392

<210> 30472

<211> 337

<212> DNA

<213> Homo sapiens

<400> 30472

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ccaggtgcag	tggatcatgc	mtgtsatctc	agcactttgg	gmggccaagg	cargmgaatt	120
gcttgagama	mggaatttga	gaccggcctg	gacaacgtgg	cgaaaccttg	tctctacaaa	180
amataaaaaa	attacccagg	cmtgggtggtg	tgcacctgtg	gtccccagct	acttgggagg	240
ctgaagtggg	aagatccctt	gagccctgga	ggttgaggct	gcagtgagcc	gtgatcgcac	300
cactgwmctc	cagccaagac	aacagggcga	cacctgt			337

<210> 30473

<211> 154

<212> DNA

<213> Homo sapiens

<400> 30473

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taagtatggt	tactgtattc	aaggagataa	aagatggaaa	atttccatat	agaattggaa	120
actataaaaa	agtcactgca	gatttgtaa	aaaa			154

<210> 30474

<211> 192

<212> DNA

<213> Homo sapiens

<400> 30474

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gtccaggtgg	gcataagcag	gaatcagagc	cacagcagcc	ccagcgtcas	cccagcagaa	120
gccacagtcc	ttctggaagc	cagacccgaa	gccacagtag	cagtgccagc	tcagcagaaa	180
gtcaggaacc	gc					192

<210> 30475

<211> 128

<212> DNA

<213> Homo sapiens

<400> 30475

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cctgttga						128

<210> 30476

<211> 214

<212> DNA

<213> Homo sapiens

<400> 30476

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caaaccattg acgaggagtg gaatacagtc aagagtgaat gagtagacaa tcaggaaaaa 180  
tcaaagaaga aaatagtgtc ttcagctcca accc 214

<210> 30477  
<211> 164  
<212> DNA  
<213> Homo sapiens

<400> 30477  
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<210> 30478  
<211> 408  
<212> DNA  
<213> Homo sapiens

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gagaagccac ttaaatttgg aggtaattac tataaccatg gctgaacact gcaaaatttg 120  
gtaccaaaaag tgggggtgcta ccttaacaac agctaccacc aaaaataatt ttaaaatatg 180  
tgatataggc tttgaaacca ggtggcagaa agcaagaaaa ctgttactgg agaattggaaa 240  
aatagcaacc cacataaagt ggtggtaaat aaaactgtca cataaaaaat tgaataactt 300  
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<210> 30479  
<211> 168  
<212> DNA  
<213> Homo sapiens

<400> 30479  
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gccacatgta aagtttattt aaaactctct tggccactgt ttctgactca acctaggaat 120  
ggccagagcg attctggccc ctgacttct ccgaggctcc tcccacca 168

<210> 30480  
<211> 177  
<212> DNA  
<213> Homo sapiens

<400> 30480  
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gacgtttcta ctttagacca aaagaggctt ttgtgtatgt ttgagtgaac ctttgcattg 120  
tgaggtcagc tacgtagatg tgccggctgt gagggatggt aggagcaacg gagatag 177

<210> 30481  
<211> 262  
<212> DNA  
<213> Homo sapiens

<400> 30481  
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cagggagctc	agtttgatat	gcttttctct	cctcgaactc	tgccattcaa	catttttttt	180
cccatactta	ttctcactga	gtgctaattt	tagttcaggt	tgacacctgt	tgtatgtgtg	240
tgtgtaaacc	ctctgtagcc	ct				262

<210> 30482  
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 <212> DNA  
 <213> Homo sapiens

<400> 30482						
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tttgaaagtt	taacatgact
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agattttgaga	taatgctgga
gttttgaaar	agctacttta
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&lt;210&gt; 30504

&lt;211&gt; 271

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30504

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&lt;210&gt; 30505

&lt;211&gt; 433

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30505

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&lt;210&gt; 30506

&lt;211&gt; 376

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30506

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<213> Homo sapiens

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<212> DNA

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<211> 64

<212> DNA

<213> Homo sapiens

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 <213> Homo sapiens

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 gtaaaagcat gtttctacaa tttggacaaa ttcagggtct tggattttggc agaacaagtt 180  
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 cggatttt 308

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 <212> DNA  
 <213> Homo sapiens

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 cggatcacga ggtcagatcg agaccatcct gccaacatgg tgaaacctg tctctactaa 180

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ggca 244

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tagtatattc ac 72

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cacggatggc tgcattgtaa cattcaaagc atttgagaga atacagtgc tagggagact 180  
actactatca gaaggatagt atgaagagtt tggagtatgt tccctaagca gggccccat 240  
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ttaaccaagt ccg 313

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<212> DNA  
<213> Homo sapiens

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tatatatat 69

<210> 30525  
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<212> DNA  
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<210> 30526  
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<212> DNA  
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<212> DNA  
<213> Homo sapiens

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attaaatata tatttctttt cttttttttg agacagaatc tcctgtgcc atccaggctg 180  
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ccgc 244

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<212> DNA  
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taagagatat tggccactca agtctactgt gtgtgtgtgc ctctggaaga gtgaagaatg 180  
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ttcctttcaa gtctttcaag tacaggatat taccacaaca gcagctgaac tgttgtaacc 300  
agcatgtttt tcctatttcc actgtgacct gcagctgact caaagccttg cgtgacctga 360  
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<212> DNA  
<213> Homo sapiens

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<210> 30531  
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 aataatatct attttgtatg aactcatgaa atctatataa acatacatat gtttatatat 180  
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 <213> Homo sapiens

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<210> 30533  
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 <213> Homo sapiens

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 tgtattcaat tcatgtgata gctaataat ttgggtttta atgcatctta ttttgtgggt 180  
 ttcttctagg ctgttttttg tgctttcttt taaaaatata taggtttta taatcttaat 240  
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 acacttctct aacctattat agaattgtta atacctttac ccttctcttg aacacatcaa 360  
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<210> 30534  
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 <212> DNA  
 <213> Homo sapiens

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aagccatgta	atggatttgc	agtgtttgca	cttaatagca	cagatcagaa	ctcctttgct	180
catacagttg	tctgaaatgt	tcttccttct	tcagagatag	acctgttttt	tgttttttat	240
tatgaaagaa	aaataatcct	catatgttct	cgggtctagtt	tctaaataga	tggtcagtaa	300
gctactgtgt	gggattactt	gggctccata	gtttgctgtg	ta		342

&lt;210&gt; 30536

&lt;211&gt; 370

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30536

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aagcatcagg	tgagaacata	atactcagac	tgtgtatcaa	agttttgaac	tttgatattt	180
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ttaacctaaa	tcatgcagka	acttgaccat	ggaatgttgt	ctgtgatttc	tctcctttgc	300
ctcatcttga	ttacagagag	gtacagaaaag	cagtcaacac	tgccagggat	tgtttcagag	360
atggacccat						370

&lt;210&gt; 30537

&lt;211&gt; 136

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30537

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atctattatt	gaggct					136

&lt;210&gt; 30538

&lt;211&gt; 74

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30538

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&lt;210&gt; 30539

&lt;211&gt; 366

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30539

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acatttgaac	tttaagaaat	ttatgatagt	agtcctaagt	ggattgagaa	atcagtgagc	180
ctcatcatct	actggtaggr	ttgcctgtca	gctgccctgt	gccagaagtr	attctgttaa	240
tctgtgtgca	gctccaaaag	ctgttgcagc	atggactaga	acatttcagc	tgctgggttaa	300
atctttctgg	catatgtata	aacttaatr	attgctaaca	aaaaattccv	actaggrrta	360
taaagt						366

<210> 30540  
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<400> 30540  
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cttcattccc ccctt 135

<210> 30541  
<211> 146  
<212> DNA  
<213> Homo sapiens

<400> 30541  
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gccatgctgg tgcgctgcac ccactaactc gtcacttagc attaggtata tctcccaacg 120  
ctatccctcc cccctcccc caccce 146

<210> 30542  
<211> 85  
<212> DNA  
<213> Homo sapiens

<400> 30542  
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ttttcagctc catcaggcca tttat 85

<210> 30543  
<211> 99  
<212> DNA  
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<400> 30543  
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aaccagaagt tcatttcaca gttgtatttt gtttgctct 99

<210> 30544  
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<212> DNA  
<213> Homo sapiens

<400> 30544  
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<210> 30545  
<211> 336  
<212> DNA  
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<400> 30545  
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cccctcctct gaggttgga	gtgggcctga aatcagtc	aaccttctca tcagggtttg	180
tgaccagccc ttatcctgaa	gctggctagg ggcccctagt	catcagtcac cttactagca	240
cacaaaggca ctcttaccac	tctggagatc cccagcactt	caggagctat ctgtcaggaa	300
actaggaaca agaccarata	tatatattcac agtact		336

<210> 30546  
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gcccagtgtg asaaggaaga	ca	
		60
		82

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 <213> Homo sapiens

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taaaatcaga gaaagggaaa	gaggcttctc acctgactca	gatacctggg aagggtgagat
atagttgcat ttatgcaactg	gaacccaaat aggtctgtgg	aataggaaag aaaccccaag
gagagttctg aaagtgggga	gttaaaggaa gaggt	
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		120
		180
		215

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		300
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		375

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cagtaggcag cagagccagg	actagaactt ggatttctca	gcttctggtc caacgccatc
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		120
		180
		240
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<212> DNA  
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gttgcaagtga gccgagatca tgccattgag cgacagagca agtctctgtc tcgcaaaaaa 300  
aagaaaaaaa gtttaattct aacattgccc ataga 335

<210> 30551  
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<212> DNA  
<213> Homo sapiens

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ctatgaactt taacacatgt atggatttgt gttattacta ccacattcag gacacagaag 180  
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<210> 30552  
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<212> DNA  
<213> Homo sapiens

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acacattaac gactagatta aaatattgcc ttcaagattg ttcttactta caagacttgc 180  
tcctacttct atgctgaaaa ttgaccctgg atagaatact ataaggtttt gagttagctg 240  
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<212> DNA  
<213> Homo sapiens

<400> 30553  
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<212> DNA  
<213> Homo sapiens

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agtacagggg	aatttaactg	aacagtttat	tcagtgtgta	cttccagggg	caccctgcc	179

&lt;210&gt; 30555

&lt;211&gt; 342

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30555

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&lt;210&gt; 30556

&lt;211&gt; 207

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30556

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agtagtaaat	tttttttttt	tttttttt				207

&lt;210&gt; 30557

&lt;211&gt; 283

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30557

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gcagttaaac	cattaacaac	tcttccccct	tttatttttt	atttattata	ctcatttttt	240
gttggaatcc	taccgcgccc	cctccgcgcc	gccacgacc	ccc		283

&lt;210&gt; 30558

&lt;211&gt; 368

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30558

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gcagtaaaaa	gttgaattaa	ctgattttcca	ggtctataaa	ataagamtaa	ttagtaataa	180
ttattgtaaa	tgatgtgaca	tatgtgaaga	ctctagcatg	gggcccagta	caacacaagc	240
acccaattgg	cacttactgt	tgtaccctaa	tctgaagata	gtcagtcttc	tacagttgga	300
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368

<210> 30559

<211> 428

<212> DNA

<213> Homo sapiens

<400> 30559

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tttatttttt	ttgagacaga	gtctcactcc	attgccagg	ctgaagtgca	gtggcacgaa	360
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<211> 347

<212> DNA

<213> Homo sapiens

<400> 30560

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<212> DNA

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<213> Homo sapiens

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<211> 124

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<210> 30576  
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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 30592

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;211&gt; 113

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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 aacattcctt tccaatcaag gagtgacatg tagtgttacc tagcacctca gtctaattgt 300  
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<210> 30598  
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<212> DNA

<213> Homo sapiens

<400> 30598

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<210> 30599

<211> 116

<212> DNA

<213> Homo sapiens

<400> 30599

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<210> 30600

<211> 264

<212> DNA

<213> Homo sapiens

<400> 30600

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taaagtgtat acatcttaaa tgtacagttg gataattttt acctatgtgt atgtcctgag	180
tgactgccac ctggatcaat gttgttagca cccagcgcct ccctgggtgcc acctactggt	240
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<211> 247

<212> DNA

<213> Homo sapiens

<400> 30601

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cccatctcta caaaaaaatt ttttaaaaag ccatgcgtgg tggcatatgc ctgtagtccc	180
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<210> 30602

<211> 438

<212> DNA

<213> Homo sapiens

<400> 30602

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tcccaggagg ccatatggaa cctgaatttt tccaacatgg aggcaagggg aatagatctg	360
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438

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<211> 225

<212> DNA

<213> Homo sapiens

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gattataatg	kvtttttact	gtaccttttc	tgtgttttaa	tacacaaaac	catgatatta	180
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<210> 30604

<211> 383

<212> DNA

<213> Homo sapiens

<400> 30604

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caaattggc	agctattcct	aaccagtttt	tagtgtctat	gcacacctgg	tctaatacat	180
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catttcactg	cagatccagc	aacttatttc	tctaggaccc	ctctctctag	cagggagcta	300
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<210> 30605

<211> 433

<212> DNA

<213> Homo sapiens

<400> 30605

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ctcctaattt	atgaaataaa	tcttacattt	atgttattta	ggagcgcaag	caatcaaata	180
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atcttatata	aatcagtagc	catttactca	gccactcatt	tctttagcag	atatgtttat	300
tgggtaccta	ttgtgtgctt	aacagtgtgc	atcgggctaa	gtataaagtg	ataaatacaa	360
ctgaggtggg	tcctgttcta	acagaaggta	gatatttaac	aactaaacam	atatatcatt	420
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<210> 30606

<211> 324

<212> DNA

<213> Homo sapiens

<400> 30606

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atgaggatta	aactttgctt	cataaaaagta	ttctgacagg	tgctttgcac	agagtaagtc	180
cgccaaagtg	gacgttctca	tatgtaattc	tgagcttact	catactggcc	aggaaggacg	240
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 gctgggctgc tgcaagtccg gcctgataga catgctagct ttatctcatg gagccatagg 180  
 gtaacagatg gctcattact tattcagcag tcattgaatg tgtgctgtgt gccaggcatt 240  
 taaagatgaa tcaaagtccc tgccctcaag aggttgatag cctaattcca gccagaaagc 300  
 cctcatataa aatttttagct tttgtcatat gcaaatagaa aggatcatgt gaaattcagt 360  
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<210> 30608  
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 ttcaatttta atataattcc taattgtggt aacacagttg agatatgtat tatgagttat 180  
 gggaactaat tgagaaaagg aagtactct aatccacgta tgtaagaga atattgagtt 240  
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 catggctaca ctgcaacttc cgtccagtgc tgtgatgcc atgacacctg caaaataagt 180  
 tctgctggg cattttgtag atattaacag gtgaattccc gactcttttg gtttgaatga 240  
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<210> 30610  
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 <212> DNA  
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 ggcatagaca aggaagagaa gttgaggatg gaataggctt gtgttttgct gtgggcagtc 180  
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<210> 30611  
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 ataattctat gatccttata catcattaag tgcacccctga ttatgtccag ggtacgttat 180  
 tagaatagca taactggacc aaaaggacca gaacaatgaa aagcttttta aatttttaaa 240  
 tttttttttt tatttttttag acaagagtct tgctgtcacc aggctggagt gcagtggagt 300  
 aatctcagct cactgctact tccacctccc aggttcaagt gattctcctg cctcagtcctc 360  
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<210> 30612  
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<400> 30612  
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 ctttgaagct caggaaagaa gagaaatcca ctgagaacag tctgtaaagg tccgtagtgc 180  
 tatctacatc cagacggtgg aaggagaga aagagaaaga aggtaaaacc atttcttaaa 240  
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 ct 302

<210> 30613  
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 tgaaaagaaa taatcattcg tttncctttc taccattgag cataaatgcc atttaaatgt 180  
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 attcttacc tctgcccac 259

<210> 30614  
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 <212> DNA  
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 tggcagagct gtaccagtat tccaacttca acagctccaa gccaaacaag cttccgaatg 180  
 gcgtggactt ctgtgacatg gtgggcaacg tgggtccggg tgagagagac tgccttagtg 240  
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 tgtcaccnt tcacacccca ggagaaactg aggaactcac ctagggccac aggcttgagc 360  
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<210> 30615

<211> 378  
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<210> 30616  
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 ctgtacttgc cttctgcact tgctcacccc cgtaagtgtt agccccggc atctgccaga 180  
 ttctgcaggt gggttttttag ttttctctt gaagtgggtg accactccta cttaaaacac 240  
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<210> 30617  
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<210> 30618  
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 accccaaaca c 191

<210> 30619  
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 <212> DNA  
 <213> Homo sapiens

<400> 30619

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gtgagagaaa ctttcctgct ccggccgcgg cccggagcct cgccgcccc gcgttccgaa	120
cgacgatgcg tccagatgac aacgc	145

<210> 30620

<211> 65

<212> DNA

<213> Homo sapiens

<400> 30620

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<210> 30621

<211> 354

<212> DNA

<213> Homo sapiens

<400> 30621

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ttataaagtc tagctttttg tcatatgttt tcaaaatttg atggtttagg ataagtgtt	180
aatcaaaagt aaatgtgatc tatactgtgt aagagttcaa taacttttat aggaggaatt	240
tataaatggg ggagagtagg taaatccttg gatataattg gattaaattg gaaatgttca	300
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<211> 321

<212> DNA

<213> Homo sapiens

<400> 30622

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gtctccacta aaaataccaa aaaaatttagc tgggcatggt ggcacacacc tgtagtcccc	180
tgtagtccca gctactcggg aggctgaggc aggagaatcg tttgaacctg ggakgtggag	240
gttgcatgta gccaaagatca tgtcactgca ttccagcctg ggcaacagag gaagactccg	300
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<210> 30623

<211> 326

<212> DNA

<213> Homo sapiens

<400> 30623

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gtgrkctctt ttttggttcc atatgaactt gaaagtcgtt ttttccaatt ctgtgaagaa	240
agtcattggg agcttgatgg ggatggcatt gaatctataa attaccttgg gcagtatggc	300
cawtttcatg atactgattc ttccta	326

<210> 30624

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 ccagacgaa 309

<210> 30625  
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<210> 30626  
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 <212> DNA  
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 <212> DNA  
 <213> Homo sapiens

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<210> 30628  
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 <212> DNA  
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332

<210> 30629

<211> 182

<212> DNA

<213> Homo sapiens

<400> 30629

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<210> 30630

<211> 133

<212> DNA

<213> Homo sapiens

<400> 30630

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<210> 30631

<211> 328

<212> DNA

<213> Homo sapiens

<400> 30631

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attattaaaa	tggccaattt	tcagaggcta	atttgtgaga	actgcatctc	ctaccctgag	240
tggaagtaac	tgcttttagta	gtttgtwtgt	ttgtwtcttc	tatccttctc	cccaccctcc	300
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<210> 30632

<211> 213

<212> DNA

<213> Homo sapiens

<400> 30632

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gggaggatca	cctgaggaca	gcagtttgag	accagcctga	gcaacatggt	gaaaccttgt	180
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<210> 30633

<211> 143

<212> DNA

<213> Homo sapiens

<400> 30633

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 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 avttgttaac ataccaaaca cacatggtaa tagtttggga caaaaataact agtaaaatgt 180  
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<210> 30636  
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 <212> DNA  
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<400> 30636  
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 aagggggatt gttggactga tttgtgattt ttctgggaat gcaactcawk ttagaagagg 180  
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<213> Homo sapiens

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<211> 310

<212> DNA

<213> Homo sapiens

<400> 30639

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aaaaacatac caattaaaag ctactcaaag taaaaagaag cttgcaaaac atctcacaat	180
ttcattttat atgcctgtaa ataaagctgg accactgaaa ccaaacaatt ggatgggaaa	240
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<212> DNA

<213> Homo sapiens

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gctattgccc ctctttatac ttccgtctcn ctctccaaca gctcctggca accactaatc	180
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<210> 30641

<211> 77

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

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 tgaaatgctt rcctgrgcat tttctttgag agtcatgtcr mrttaatact aaaaaaattt 180  
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 gattctccga atgaagttaa ggtcccttgc ccatccggag aggcctcagc tgtgtcggta 240  
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 ccattttttg tgcaggaaat gtgcttagga ctcagctctg ttttcgatta tccaccacag 240  
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 ttttcttagg cccataactc agtgcagctg ttttattttt ataatgccgg tcaacctttt 360  
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&lt;210&gt; 30671

&lt;211&gt; 278

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30671

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&lt;210&gt; 30672

&lt;211&gt; 336

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30672

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&lt;210&gt; 30673

&lt;211&gt; 428

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30673

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&lt;210&gt; 30674

&lt;211&gt; 323

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30674

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&lt;210&gt; 30675

&lt;211&gt; 122

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30675

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gg						122

&lt;210&gt; 30676

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30676

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acgacgatca	caattttaaaa	ttttctttcc	kattattata	aatgtcacag	tccaatgat	240
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&lt;210&gt; 30677

&lt;211&gt; 395

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30677

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aatgattttac	atttcacata	ttaccagagt	aatgactaat	agcdtacatg	tataaaactga	180
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&lt;210&gt; 30678

&lt;211&gt; 343

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30678

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ccagcagttg agttctaggg cagggagaca gagtttaca gataaggaaa atatatatgt 180  
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<212> DNA  
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cactcaaaaa tattttttat atatttttta atattcacia atatctatac ctaagagtgt 360  
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 <213> Homo sapiens

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 gccaggggtct tcatgaacac taataggggt accaggccct ctctctcggt agaagaaatc 180  
 aggataacaa aggcataattg ggcaccccta caaaaggaaat ctgtatctgt atcaagatga 240  
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 tgtgaaatgt tagaagtatt tatagctgaa acatattagt atgttggtat atacatat 180  
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 cttttcattt ctctggatta ttttgcaaat cattggacag agaatttggg aatataaatc 240  
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336

<210> 30688

<211> 326

<212> DNA

<213> Homo sapiens

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gctttggata	actttaccca	ttttaacacc	tcacttagca	gagactgtgc	catcttggtg	240
agacttggga	gttcctgcct	tgaactgatt	atthagaggg	ggtattccct	gctatggtct	300
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<210> 30689

<211> 285

<212> DNA

<213> Homo sapiens

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attgtgaaat	ttgggaggcc	aatttgctga	gaatacaaaa	tagacttaaa	tacagtaaca	180
aggccaggta	tagtggtcta	catctcta	aggaggctga	ggcaggagga	ttgcttgagc	240
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<210> 30690

<211> 392

<212> DNA

<213> Homo sapiens

<400> 30690

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tcactgcagc	ctccacctcc	cgggctcaag	agatcttctc	gcctcagcct	cccaagtggc	180
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agcctcccag	agtcttggga	ttacaggtat	cagccrctat	ggccgnsctt	tattttagtt	360
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<210> 30691

<211> 209

<212> DNA

<213> Homo sapiens

<400> 30691

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cttctgcccc	aaagatgctg	cttctctcct	tattctttcc	cctcagaatc	tcgctgtctc	180
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<210> 30692

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<211> 292  
<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

<400> 30694  
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<211> 389  
<212> DNA  
<213> Homo sapiens

<400> 30695  
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cttggttcat tktctgttgc gtgtaacagg attcctgama ctbggcaaga raaggattt 180  
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ccatgataag tavgatgkca tgtacccat 389

<210> 30696  
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221

<210> 30697

<211> 284

<212> DNA

<213> Homo sapiens

<400> 30697

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tgatttgcaa	ggctgaaata	tagtgtacca	acttatgttg	tagcttctat	taaagtggtt	180
tgaaaaatag	atccagtttt	gcttaagata	aagctagagt	ctattagaat	taagagtatg	240
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<210> 30698

<211> 292

<212> DNA

<213> Homo sapiens

<400> 30698

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aatgaaaatg	tccacccctt	ccccgctttc	taaaaaagtg	ctcagaaacc	aggtctcaag	240
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<210> 30699

<211> 122

<212> DNA

<213> Homo sapiens

<400> 30699

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<210> 30700

<211> 327

<212> DNA

<213> Homo sapiens

<400> 30700

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agcagatt	acctataat	atggatgggc	cttagccaat	cagttaaagg	ccttaagaga	240
gaaaagact	acgtcccctg	aagaagaaag	aactgtctcc	agactgcctt	gggacttgag	300
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<210> 30701

<211> 344

<212> DNA

<213> Homo sapiens

<400> 30701

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ctccccctc	ctccagccc	ctggtaacta	cctttctaaa	ttttgttcct	ataattttga	180
ctactttaga	tacttcatga	gtagactctt	acagtatttg	cccttttggtg	atttgcttat	240
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<210> 30702

<211> 263

<212> DNA

<213> Homo sapiens

<400> 30702

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actcattgct	gggtccagca	cacctggaaa	gttctgcaag	gcctcagcta	cagaaagccc	180
agagacagaa	agtaaactct	ttcatgacct	ttgatcatca	gatcatcaat	ccaactctta	240
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<210> 30703

<211> 208

<212> DNA

<213> Homo sapiens

<400> 30703

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<210> 30704

<211> 127

<212> DNA

<213> Homo sapiens

<400> 30704

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<210> 30705

<211> 168

<212> DNA

<213> Homo sapiens

<400> 30705

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<210> 30706

<211> 53

<212> DNA

<213> Homo sapiens

<400> 30706

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<210> 30707

<211> 72

<212> DNA

<213> Homo sapiens

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<210> 30708

<211> 281

<212> DNA

<213> Homo sapiens

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tcgtctatag ttaggtttgc aatttattga atagatacct aagtacatgc attaatgaat 180  
caatgaaaga agctaaaagg atgagaaaga caaggcatct tagaaatgga gactacttag 240  
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<210> 30709

<211> 263

<212> DNA

<213> Homo sapiens

<400> 30709

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tcattataat accagtgcct gccagtgctc acctaattgga tagatgccaa aaacctgttt 240  
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<210> 30710

<211> 360

<212> DNA

<213> Homo sapiens

<400> 30710

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acaatgtatt gtgctgggtg ttggggcgat agtgggtgcac aagacagtcg tgattcctgc 300  
ccttatctag gtggggaatc taggcaggaa ataaaaatata ttgctaaact aatagcagct 360

<210> 30711

<211> 173

<212> DNA

<213> Homo sapiens

<400> 30711

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cctcaggggc	atcctttcca	artkdagrat	gcgatttaka	caataaaatg	caatggctaa	120
cctagagact	gactactttc	tatttttcctt	tactactgaa	tcgccccctc	caa	173

<210> 30712

<211> 334

<212> DNA

<213> Homo sapiens

<400> 30712

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ttgggagtaa	gaattactct	ttcagttttt	ctagaggacg	tgaacatgat	tagataaaca	300
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<210> 30713

<211> 397

<212> DNA

<213> Homo sapiens

<400> 30713

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caagrcggga	aaactccgtc	taaaaagrat	aagagggtta	caagtagcct	gaattttcct	360
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<210> 30714

<211> 173

<212> DNA

<213> Homo sapiens

<400> 30714

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<210> 30715

<211> 314

<212> DNA

<213> Homo sapiens

<400> 30715

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caatagatag	cctcttttga	tagaagcttt	ctagaatgtt	ttaaatacaca	gagtaagatt	180
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<210> 30716  
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<212> DNA  
<213> Homo sapiens

<400> 30716  
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**SECRET**

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 <212> DNA  
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cagtagacct	gattttctgt	ttgcagtata	gagattgatt	tcaagggagt	tacattattt	180

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&lt;210&gt; 30737

&lt;211&gt; 280

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30737

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&lt;210&gt; 30738

&lt;211&gt; 118

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30738

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&lt;210&gt; 30739

&lt;211&gt; 352

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30739

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&lt;210&gt; 30740

&lt;211&gt; 375

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30740

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&lt;210&gt; 30741

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 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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<212> DNA  
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&lt;210&gt; 30751

&lt;211&gt; 172

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30751

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&lt;210&gt; 30752

&lt;211&gt; 189

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30752

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&lt;210&gt; 30753

&lt;211&gt; 267

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30753

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ccatcaactc	aaagatctgt	attctgttaa	acaccccttg	ccaattaagc	cacctgaagg	180
caggtaggga	agcacctgac	agtgactgac	agtccactgc	atgccagcca	cctatttttt	240
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&lt;210&gt; 30754

&lt;211&gt; 295

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30754

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tagtttgatg	agacttgta	aaaagtatat	tatgaatgga	tcttgaatac	tatcaaagtc	180
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&lt;210&gt; 30755

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atatttgtaa tgttggaac bktatagtct tatatggatg gctcttaggt ttttcagatc 180  
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<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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gccccggcg cctca 135

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<213> Homo sapiens

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catctcttca tctctgccct ccacactcgg aggtgaagca tcttgccctga gggctccagc 300  
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 <213> Homo sapiens

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 gggtaattat gggatatggag agaagtggct ggatttaggt ggacagattc ttggagccac 180  
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 taatatggaa aaagagtggg tacattagat tcattgggaa taagaggcct ctgttctaca 300  
 ggtttgttta atctcaaaat aacccaaca tcaccagacc tggattgtga ttttttgtc 360  
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 ggccccagga ctgcctctag caggctctgt accccagatt ttactgtccc agtcctgaat 180  
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 agttttaatt tcaaaactcca accctaaata tttatttatt gagaaacttg cactgacttc 180  
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 ttatgcaaga attttgggtgc agaanatcca gatccttttg tcccagtgct gagcactgct 180  
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<210> 30764

<211> 422  
 <212> DNA  
 <213> Homo sapiens

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<210> 30765  
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 gtccttttgt gccccgctac cctttgttga attggctact gctttagatc ttccttgtag 180  
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 acacattaag gagat 135

<210> 30767  
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 <212> DNA  
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<400> 30767  
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 gagccgagac tgcgccactg cactccagcc tgggcaatag agcaagactc agtctcaaat 240  
 aaaataaaat aattrraataa aataaaaaaga aacctt 276

<210> 30768  
 <211> 177  
 <212> DNA  
 <213> Homo sapiens

<400> 30768

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<210> 30769

<211> 334

<212> DNA

<213> Homo sapiens

<400> 30769

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agatataatc	taatcattga	aaagttgaaa	atgtgacatt	tgggatatgc	atgcagtgat	180
ttgctatatg	tgtatgtttt	ttcaattagt	agatcttata	aatcaattag	ttttgacagt	240
tactgatttc	tgtacccaat	gaggtctaatt	tatagcattg	gataccatgt	agtgttttaga	300
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<210> 30770

<211> 423

<212> DNA

<213> Homo sapiens

<400> 30770

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tcatcatgat	aattcagcag	gcccaagtaa	aggTTaaaaa	taaggTctat	gcctagggaa	180
actcagggct	tctagtttct	cttagaaaag	ctaagagaag	ataaggTctg	aataatagca	240
gaaaaaccaa	catctacaaa	acattaaact	agtgttatac	ttgatgataa	cactatttga	300
tgagtcttag	agtccagaca	caaagagaca	aagctttgaa	agatgctttt	tgatctacct	360
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gta						423

<210> 30771

<211> 348

<212> DNA

<213> Homo sapiens

<400> 30771

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tgggaggccg	aggcgggcg	atcacgaggt	caggagatcg	agaccatccc	ggctaaaacg	180
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tggTcccggc	tacttgggag	gctgaggcag	gagaatggcg	tgaaccggg	aggcggaactt	300
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<210> 30772

<211> 97

<212> DNA

<213> Homo sapiens

<400> 30772

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<210> 30773

<211> 329

<212> DNA

<213> Homo sapiens

<400> 30773

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cttgggatta	tgggtagtca	gcctgttacg	agagtcctgg	tctttaaaga	tctactttta	180
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atttactgtt	aaagcacaga	acttcctctt	tkatattagt	agaatttggg	aggatgctga	300
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<210> 30774

<211> 327

<212> DNA

<213> Homo sapiens

<400> 30774

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tccdrctaa	catagcta	aagtagcaga	tccagtatca	acctaggcag	tatggctcca	180
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atagtgttta	gtattccttt	cagcttatcg	ttttatgctt	ccccctgtta	agttacgctg	300
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<210> 30775

<211> 324

<212> DNA

<213> Homo sapiens

<400> 30775

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tattttagtg	ataaaggaaa	tgacactttg	aggaactgga	gagaacatat	atgcgwtttg	180
tttttaagag	gaaaaccgtg	ttctcttccc	ggcttgttcc	ctctttgctg	atttcaggag	240
ctactctcct	cctggtgagg	tggaaattcc	agcaagaata	gaggtgaaga	caagccacca	300
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<210> 30776

<211> 298

<212> DNA

<213> Homo sapiens

<400> 30776

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gggaaaaaaa	tttccctctt	actggccaca	tagaaccaga	aatactgact	gcagtatcag	180
ggaatggtta	ctgtccttcc	aagagtattt	acttttaagg	ttcatttgtt	agatctattc	240
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<210> 30777

<211> 152

<212> DNA

<213> Homo sapiens

<400> 30777

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<210> 30778

<211> 266

<212> DNA

<213> Homo sapiens

<400> 30778

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aaaattttga gcagacacca ttgagaagaa cattcaaate taaggctcct gcacgatatc	180
ctgagaacgt agaattggaat ccctttgacc aagatgcagt aggaatgcta tgtatgccga	240
aagggtctggc attcaagacc caggat	266

<210> 30779

<211> 285

<212> DNA

<213> Homo sapiens

<400> 30779

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tgagataaca ttctggtagc tcagttaata aaacaatttc agaattaaag aaattttcta	180
tgcaaggttt acttctcaga tgaacagtag gactttgtag ttttatttcc actaagtga	240
aaaagaactg tgttttttaa ctgtaggaga atttaataaa tcagc	285

<210> 30780

<211> 170

<212> DNA

<213> Homo sapiens

<400> 30780

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ggggaatatt cattttcccc catatkrac atgaaggnaa atcacagagt gaatdnactt	120
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<210> 30781

<211> 174

<212> DNA

<213> Homo sapiens

<400> 30781

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<210> 30782

<211> 266

<212> DNA

<213> Homo sapiens

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gagaggtcga	aggtctccag	gaggcctccg	cctccctctt	tttcattcac	acaccctagc	180
ctcacacgtt	aggaggaccc	ccccaacaga	ccgtgagctg	gtgccgggag	ggtggaggta	240
gatgtacctc	acctccacgc	taccac				266

<210> 30783

<211> 263

<212> DNA

<213> Homo sapiens

<400> 30783

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gtcatggtct	tagatattag	ctatffgtga	gaggaaactg	gtttgtaaca	atactgcaaa	180
tagaaacccc	atttctactg	aacatcctag	ttttaaacag	aagaaaaact	gtaatcctgg	240
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<210> 30784

<211> 264

<212> DNA

<213> Homo sapiens

<400> 30784

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attaatcgff	gtttgtatct	cgctttacaa	ttfftaaagc	acggttcata	tgctatgaca	180
tttggccttc	acagtttagff	tttgagaaaa	agaaacaaaa	ttgatgttat	ccctagttta	240
cagaaaggaa	actgatcagf	gagf				264

<210> 30785

<211> 240

<212> DNA

<213> Homo sapiens

<400> 30785

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tcaggmtgdc	agcgackcna	agctffgtff	gagtttgcta	gtgccaagff	gtttatgtgc	180
ctcccttggt	ccccttcctt	ccctgcccact	ccttcttcct	cccagcttgc	tgagcttgct	240

<210> 30786

<211> 117

<212> DNA

<213> Homo sapiens

<400> 30786

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<210> 30787

<211> 273  
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<213> Homo sapiens

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acattttgas tgtacagagg cataagagdg tcc 273

<210> 30788  
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<212> DNA  
<213> Homo sapiens

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agcagtgaac caagatcaca ccactgccct ccagcctggg tgacagagtg agatttcac 180  
tcaaaataaa taaataaata caaataaata aaagaataat tttggccagg tatggtgact 240  
cacatctgca acccccagc 259

<210> 30789  
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<212> DNA  
<213> Homo sapiens

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<210> 30790  
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<212> DNA  
<213> Homo sapiens

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aactgaaaca grtaagatat tttataatgr rataattatt ttcatatgta catattctag 360  
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<210> 30791  
<211> 299  
<212> DNA  
<213> Homo sapiens

<400> 30791

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tatcaatcta	tgctgaggag	caagagaaaag	gatttggaag	gctggybtct	gatgggtcaa	180
ctgcaggcca	gctactttgt	taactatggg	atcatgancg	aattaatcag	ctctaatacca	240
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<210> 30792

<211> 283

<212> DNA

<213> Homo sapiens

<400> 30792

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acccttagca	atataaaaacc	ttataacaaa	gttgaaaatc	ttaaaaaccg	cttccttnag	180
agtggctagt	ttaatggcct	caaaaatatt	tactccatta	tagtaagcta	tctgaggaat	240
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<210> 30793

<211> 251

<212> DNA

<213> Homo sapiens

<400> 30793

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cacaatttag	acaaaaataa	agttcagatg	gagaaagact	taagamattg	taagtatgta	180
ctcagaaaaa	tataggaaaa	aatttttaacg	gtgtagaggt	ctttctaaat	atgtcacaaa	240
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<210> 30794

<211> 459

<212> DNA

<213> Homo sapiens

<400> 30794

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aaaagctcca	gtcttttgac	tctccagaaa	ggaaacggat	taagtactcc	agggaaactg	180
acaggttaagc	caggaactct	tcattcagcc	taggcctcaa	gcctaataat	aaaaccacct	240
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agtgtacatg	gaagggtggc	tggcagcttc	gccttcccaa	agccaggggc	gnaggttagcc	420
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<210> 30795

<211> 232

<212> DNA

<213> Homo sapiens

<400> 30795

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cccttttaaa	gtttcaataa	tctacagatt	tttaaagaac	atattcatct	atctgaagta	120
gtagttagct	gaaggaattc	caccttttct	taaagttgaa	cagtttattt	gatgtgatct	180
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 <213> Homo sapiens

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gcattttgtga	ccttgatact	accagagtat	tctatcagct	accagtttac	tcacaccagc	180
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<210> 30797  
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 <212> DNA  
 <213> Homo sapiens

<400> 30797						
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<210> 30798  
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 <212> DNA  
 <213> Homo sapiens

<400> 30798						
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gggataaaga	ggggcattat	ataataagag	ggccaatact	ccaagaagac	attgttaaatt	180
ccttaattgtg	tatgcaccta	acaacagagc	atcaacgtat	gtgaagcaaa	aactaataga	240
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gtaattgaca	catttagcag	ggcgt				325

<210> 30799  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 30799						
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tacacgtgtg	agccaccatg	cctgggccat	agatcctctt	gattcgtttg	ttgggttgatt	180
gactgactga	ctgactgaca	ggatctcact	ctcaccagg	ctggagtaca	gtggtgtgat	240
cttggtcttc	tgcagcctcg	gccttctghn	ytcaagcgat	cattctgcct	ctgcctccca	300
agtagctggg	actacaggcg	tgtgccacca	tgcttggtta	atttttgtat	tttttgtaga	360
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<210> 30800  
 <211> 355

<212> DNA

<213> Homo sapiens

<400> 30800

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cttaatctcc	tcacttttat	aacagaagaa	cccaggttcc	aaaatgaaca	ggactcaagc	180
tgtttgccca	gaacctcaca	attaaatgac	tcttctgaaa	tgatccctc	aacacagatt	240
tctttaaata	gaagagcagt	agaatgggac	accacgggac	agaatcttat	taagaaagtg	300
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<210> 30801

<211> 380

<212> DNA

<213> Homo sapiens

<400> 30801

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gggttcaaca	ttattgcagt	tctgcaaagg	atattttctt	ttaaaacatc	catatctctt	300
ctttgccatg	gaaactacac	ccnntstacc	tgaacctgcg	gcascctct	gatgacccat	360
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<210> 30802

<211> 275

<212> DNA

<213> Homo sapiens

<400> 30802

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caggtgcaca	cttctgagcg	gcctcacaag	tgctagacct	gcaatgcttc	ttttgccacc	180
cgagaccgtc	tgcgctccca	cctggcctgt	catgaagaca	aggtgccctg	ccaggtgtgt	240
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<210> 30803

<211> 290

<212> DNA

<213> Homo sapiens

<400> 30803

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gagctaccca	gtattaaaac	ctgcctagca	ttctatgcta	atagtgccat	attaacattt	180
aatacatgtt	gtttgctgta	ttttgccgct	acaaattaca	ctacaaatag	gccgggcgcg	240
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<210> 30804

<211> 383

<212> DNA

<213> Homo sapiens

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ctttttatga gaaatgttga acatttcaca gttagttcaa caattcaaca aacatttgct 180  
aatggtctgc tttgcataaa aataccaggc ttccttcaaa gagcttgagc tcatacctct 240  
tattccataa tacataccat agtatactct ataataaatt taacttttaa gcttaaggga 300  
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<210> 30805  
<211> 134  
<212> DNA  
<213> Homo sapiens

<400> 30805  
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tgtacgtttt ttaa 134

<210> 30806  
<211> 73  
<212> DNA  
<213> Homo sapiens

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<210> 30807  
<211> 431  
<212> DNA  
<213> Homo sapiens

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actttatcaa aattgtgagt ttttgttctt taaaggacac tatcaagaaa gtgaaaatac 180  
aaccacaca atggaabwng aggttttnna agtatacact gggtaatggc ctagcaccca 240  
gaatctataa agtaccaca actcaataac aaaaggacaa aaatcggaaa aggttcaaag 300  
tcaacatttc tcaaaagaag atgcacaaat ggccaacagg cacaagaaaa gattctcaat 360  
gttttagtca ttaggaaata caaatcaaaa ccacaatgag atacaacttt acgtatacta 420  
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<210> 30808  
<211> 373  
<212> DNA  
<213> Homo sapiens

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tgacatattt ttaagtcact gactcttggc agaattccatt ccactgatga gcccatcaac 240  
aacattcatt atttctatt agagtgtttc gatttgtagc ctttcctttt tattctttct 300

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<210> 30809  
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<212> DNA  
<213> Homo sapiens

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aagatcaaat cattgttttaa aatatttttc ttatttcagt tttcttttc tttcaaggaa 180  
taagtgggca 190

<210> 30810  
<211> 155  
<212> DNA  
<213> Homo sapiens

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ccaggtctgt aaaatggggg gtctaacgca gaccc 155

<210> 30811  
<211> 156  
<212> DNA  
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<400> 30811  
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gtattctaca acacattttc tttattccaa ggagca 156

<210> 30812  
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<212> DNA  
<213> Homo sapiens

<400> 30812  
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aaaaaaaaa 190

<210> 30813  
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<212> DNA  
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<400> 30818

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tatagtttta	tataattaaa	tgtattataa	ttctttttaca	atttttttat	cctaatttaa	180
attttttaat	atgggctctc	actttattgc	ctaggctgga	atgtagtggc	tgttcacaag	240
cactatcata	gctcattgca	gccttgaatt	cctgaagtaa	tcctcgtgtc	tcagcttccc	300
aagtagctgg	gactatagga	acatgccgtc	acacccgggt	aactgtactg	tattttcttg	360
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<210> 30819

<211> 381

<212> DNA

<213> Homo sapiens

<400> 30819

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gattcatgct	aaagtttgag	actcattgct	ctatgccagt	catcattccc	tttgctcagg	180
ttagaatcat	ctggagagct	tataaacgtc	cccatgccca	ggctgcgcac	agatcaatta	240
aaaggaacct	ctgaggggtg	gactcaagca	gcagtwaat	aaagttcatt	gagtgtattct	300
ggtgtgcagc	cgcagttgaa	aatgtttatat	agcattttaa	caagacacta	tttaattaaa	360
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<210> 30820

<211> 243

<212> DNA

<213> Homo sapiens

<400> 30820

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accagaggta	caaggaggaa	ctggtaccat	tccttctgaa	actattccaa	ttaatagaaa	180
aagaaggaat	cctccctaac	tcattttatg	aggccagcat	catcctgata	ccaaagccgg	240
act						243

<210> 30821

<211> 327

<212> DNA

<213> Homo sapiens

<400> 30821

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gtattagaag	ttataaataa	cctaatagata	atctatatag	gaagatgtgt	gtagggtata	180
ttcaaacact	atgccttttt	atgtgaggga	cctcttgagc	atcagatgat	tttggtatcc	240
acaaggggtc	ctggaatcag	tccccacag	acaccaaggg	atgactgtag	tgcattttat	300
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<210> 30822

<211> 277

<212> DNA

<213> Homo sapiens

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agccccgtgg ccccggccca gttcccagcc accctccctg gctctgctca caccagagat 180  
ttccatagca ggagcgggtg gtgcagaagt aggttcagat gaacctcagt taacgtcgcc 240  
accctcctc ccacctgggt accctgtaga agccctt 277

<210> 30823  
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<212> DNA  
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<210> 30824  
<211> 315  
<212> DNA  
<213> Homo sapiens

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gatagccccc agcgt 315

<210> 30825  
<211> 308  
<212> DNA  
<213> Homo sapiens

<400> 30825  
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taattgtttt taaaatgttt tcttacatta tactttttaa tatttccgtt gttttggtat 180  
ctaggaacta attatatgaa tattacttct ttgtctgttt tcctttccag cttctttctc 240  
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ctgcctat 308

<210> 30826  
<211> 262  
<212> DNA  
<213> Homo sapiens

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cacctattta aagatggcaa tgtataataa tcatttttaa agtatttgat taaacctgat 180

aattttccag aaatgaaaaa aaaaatcagc tctaaaacca aagctgattt tagaaaattt 240  
gaaaatgtaa atcagccctg ga 262

<210> 30827  
<211> 181  
<212> DNA  
<213> Homo sapiens

<400> 30827  
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aaggccaaga aagaagagag aactctcamc acaacatttc aaagggaata cattgccaga 120  
acttggaaata ctctactgga caaacatttc ctccaaggac acagctctct gcctccacgt 180  
c 181

<210> 30828  
<211> 221  
<212> DNA  
<213> Homo sapiens

<400> 30828  
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ctaagtatta tgggtgagcta tcattaaagt gtgccatctt ggataaaggc cttttgccta 180  
ctctcttctg caattttgac acctcaatat tcacaccctc a 221

<210> 30829  
<211> 246  
<212> DNA  
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attttgtaaa tgttttgggc tgagttgtgt aagatcaagg ggtggaaaga ttgtagaaag 180  
ctttgaatgg tagcttaaga agccaggcag taggagaagg aagaggtggt ttagatggga 240  
agcagt 246

<210> 30830  
<211> 166  
<212> DNA  
<213> Homo sapiens

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ggctgaggca ggagaatcgc ttgarcccggt gaagcagagg ttgctgtgag ccgagatcgc 120  
accactgcac tccaacctgg gcgacagagc aagattctgt ctcaaa 166

<210> 30831  
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<212> DNA  
<213> Homo sapiens

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<210> 30832  
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 <212> DNA  
 <213> Homo sapiens

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 tttatccatt tatcttcaat ggacacgtgg gttgcttcta cctttkgtct attgtgaatg 180  
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<210> 30833  
 <211> 215  
 <212> DNA  
 <213> Homo sapiens

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 tggcaatttt atttcacatg attggtttgc taaga 215

<210> 30834  
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 <212> DNA  
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 cagctatgag gcacctccta cgtctgtttt ctggctgtgg tgacttgggm tttttaacct 240  
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 <212> DNA  
 <213> Homo sapiens

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<210> 30836  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 30836  
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 tgttgcttca atttaciaag actgtcraat ttvwmgtatt ctttgccaaa atgctagggg 180

gaacaatata	gctaagtcct	acttttcttct	tgtttcataa	tgtctcacag	takktctttt	240
wwcaaratag	aaatcttctg	tttattgtta	tgaattacag	taattttatta	gctcataata	300
atctgtctcta	caatctttgt	aatccaactg	nagagtgatt	dnnttggcca	tgaacgmgt	360
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<210> 30837

<211> 344

<212> DNA

<213> Homo sapiens

<400> 30837

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ttcaggaaac	ccatctcacg	tgtagagaca	cacataggct	caaaataaaa	ggatggagga	180
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aaacagactt	taaaccaaca	aagatcaaaa	gagacaaaga	aggccattac	ataatggtaa	300
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<210> 30838

<211> 110

<212> DNA

<213> Homo sapiens

<400> 30838

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<210> 30839

<211> 343

<212> DNA

<213> Homo sapiens

<400> 30839

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aggtgtcctg	tcattctgtg	atagccacac	atagctctct	ccagagccac	gctttctatt	180
ctgtttttat	aaaagcacat	gcttttgtga	attttctgac	ccctcacttt	ccctctctgg	240
ccaggaggct	tctttacctc	tgtctgcaga	aatagccacc	agctctgccc	tgggaaactt	300
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<210> 30840

<211> 358

<212> DNA

<213> Homo sapiens

<400> 30840

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ccattknagt	aaacaatgtg	gatttcttta	ttcatcccat	tatttagtga	ctttaggagc	180
aacaaaaact	aaactattga	aaaaataaat	actattgaaa	ttgcttgttt	ggaggacagc	240
tactatatga	aacaatgtcc	agtgtagaat	ttggaaacct	aagatgatgt	ctcagcatat	300
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<210> 30841

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<211> 402  
<212> DNA  
<213> Homo sapiens

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cctaccctgt tgttccagga aaggcatctc cccttkctac tctaamcaga gggatatctg 360  
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<210> 30842  
<211> 194  
<212> DNA  
<213> Homo sapiens

<400> 30842  
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aatagaccaa taacaggatc tgaaattgtg gcaataatca atagcttacc aaccaaaaag 180  
agtccaggac caga 194

<210> 30843  
<211> 203  
<212> DNA  
<213> Homo sapiens

<400> 30843  
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aagaccaacc ctaaaggaa gttctgaacc agaaaggaaa catttaaaaa aaaaaagttt 180  
tgggatgtca ggaataacga tga 203

<210> 30844  
<211> 219  
<212> DNA  
<213> Homo sapiens

<400> 30844  
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cataacttgt ctgaaaaata gatcttcatt tttcatkatg tacttacagt atcacatctc 120  
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aatgcccgtc tccctctcaa gccaaagtcta gtgggcagc 219

<210> 30845  
<211> 322  
<212> DNA  
<213> Homo sapiens

<400> 30845  
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acatgagggc taggctaaaa cagtaagggtc aagttgtttg gacagaaaagt ctacagggcg 180  
 cagtcccggc tcttgtgtga gaactccgac cgcacagccc tgcacttcgg ctgtatgtaa 240  
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 taaggratgg aaaggggtgt ag 322

<210> 30846  
 <211> 55  
 <212> DNA  
 <213> Homo sapiens

<400> 30846  
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<210> 30847  
 <211> 106  
 <212> DNA  
 <213> Homo sapiens

<400> 30847  
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<210> 30848  
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 <212> DNA  
 <213> Homo sapiens

<400> 30848  
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 tttgtcgtat tcagccagga tgagaaacgt tgatttgatt gaacaaataa agaaaataga 180  
 actaatttta ttttatttta ttttattttt ttgtccgggg c 221

<210> 30849  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 30849  
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 aaataaacag tgtccaacca cbgtataggt caagaaacaa tgttactgta aggtcagcca 180  
 agagaaaggw tgaggagacc caaagtcagg caagcaagct ttattgagct gcttggctgc 240  
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<210> 30850  
 <211> 444  
 <212> DNA  
 <213> Homo sapiens

<400> 30850  
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 ggaaacaatg gaatgggtgc ctaatcttct gctgaatatt tttaaaatat atgattttct 120

attcagccaa	actgttccat	ctgagataaa	ataacatggt	cagacatcca	gagtctcaaa	180
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aataaaaacty	nggaaccagg	gtataggaga	attgacatga	aagagagatg	aggacagttc	300
ctgaagtgat	ggagaaggga	agtcttwtga	tgrcagctgt	gtagtcaaac	cagagcataa	360
accagctatt	nnnggggraat	agaaagctcc	aggaaggcta	cctcctggta	aagaatgrtt	420
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<210> 30851

<211> 276

<212> DNA

<213> Homo sapiens

<400> 30851

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aaaagaaata	cataatttta	attcaacccg	agtgttttcc	aagaagattg	tatttgctta	120
aattgctaca	gtaattcaag	agacagccct	gtctggacac	agagttactg	tggattttta	180
agagactcag	ttaaagaatt	taggaatttc	tgattcattt	aaaggattta	caaattcatc	240
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<210> 30852

<211> 349

<212> DNA

<213> Homo sapiens

<400> 30852

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gggacacagc	taaagcagtg	ttcagaggga	aatttatagc	actaaatgcc	caccagagaa	120
agcaggaaaag	atctcagatc	aacaccctaa	tatcacaatt	aacagaacta	gagaagcaag	180
agcaaaacaaa	ttcaaaaagct	agcagacaac	aagaaataac	tawcnagaac	tgaaggagat	240
agagacatga	aaaacccttt	taaaaagtta	atgaatccag	gagctgggtt	tttgaaaaga	300
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<210> 30853

<211> 359

<212> DNA

<213> Homo sapiens

<400> 30853

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gcactgcagg	aggccattat	gcaaagctct	agaagatgca	aattaaccta	cagtgactga	180
aggcagaaaag	aaaacaaaaa	gcagcccaag	gcgaaaaagt	cgatcctgtg	ccctgagcat	240
aggcagtcct	gaggtgagag	cggtttccca	ccaggctctt	cttggccttt	cgagaacttc	300
agccccctctc	tgctgtttcc	tgttgctggc	atccactttc	ccatctcaca	atattttct	359

<210> 30854

<211> 131

<212> DNA

<213> Homo sapiens

<400> 30854

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<210> 30855  
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 <213> Homo sapiens

<400> 30855  
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<210> 30856  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 30856  
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 yaggtttcat aaaatttagt agagtctctc gtatagtctc taatcttaga maaatgttgg 180  
 aagggttaatt tttaagtgtg gtggtttgaa gaacaaacca gaagcgcaca aacctttgtg 240  
 tatttttagaa tatatttgtc ttcattctgc ggastcttgt gttgtaaagg tgcagaacta 300  
 cgtaaaaata gtgttgggca gacttacata gtacatct 338

<210> 30857  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 30857  
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 tgtactcact tacatgtaat atctaattgt atttgtacag aactaaaata catnaattca 180  
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<210> 30858  
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 <212> DNA  
 <213> Homo sapiens

<400> 30858  
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 gaaatcctaa attttcaaaa gtgagctctga taaccaatca gtaatagaaa aaggttgggc 180  
 g 181

<210> 30859  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<400> 30859  
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acaagactac	atggaaggca	actgaagcct	cctaagtgac	agccagccad	dtattacaca		240
tatattgagg	acatcttaga	tcatccaatt	gccagctgac	cccagctgat	tgcaaatgca		300
agawagaaca	cagccaagcc	agctcacaac	agaagaacct	cccagctggc	ccacagaaaa		360
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<210> 30860

<211> 256

<212> DNA

<213> Homo sapiens

<400> 30860

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cattgatatt	tgtccccttc	tcatctgctc	tccacactgc	agtcagaatg	atctttctaa	120
gagtacatat	actcatgcc	ctcctccgta	tctgaggacc	cttaggataa	aatccagagt	180
ccttcctgtg	gcctcccatg	ccctgtgtga	tccacctct	gatgcacccc	tctgctgcct	240
cacctttccc	tgtctg					256

<210> 30861

<211> 367

<212> DNA

<213> Homo sapiens

<400> 30861

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aattataaat	tatgtctttt	tctgacctaa	ttaatcctta	atatattaag	ttccatacag	120
tccaaaaatg	acataatttg	tcttattttg	tataaaaatt	atataggaag	tgttgtcaaa	180
tatgaaatgg	tgtttggtt	tctttgggct	gtgtttgtat	aaatatgtta	ttggtatgtg	240
ttcccaaattc	ataggaaact	tctataattc	tgatatgact	tagtgtacat	tatcagtaat	300
aattataatt	attatgttaa	abnatcgtgt	gccacrgagg	taacaaaattt	tcttgtcaat	360
ggtgcgt						367

<210> 30862

<211> 59

<212> DNA

<213> Homo sapiens

<400> 30862

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<210> 30863

<211> 356

<212> DNA

<213> Homo sapiens

<400> 30863

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gggatttgaa	gaggaacttt	tgctttctac	acaaagcctc	ctcattcatt	gaagaggaaa	120
actcttggtg	gggacaagag	tgaattttact	ttaaatacca	atccactgac	taatcccaag	180
tctgggaatg	cctccaaaat	gttgagttga	tgtattatta	tttatgtaga	aacacccatt	240
tactgtaagt	ttccttcaaa	acaaccctcg	ttgctgttgc	agaaatcata	ggctgtgacg	300
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<210> 30864  
 <211> 251  
 <212> DNA  
 <213> Homo sapiens

<400> 30864  
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 tgcctcagcc tccggagtag ctgctgggac tgcaggaacg tgcaccatg cctggctcaa 180  
 acacaaagtt ttttcataaa actcacttgg cggcaaaatt ctaccttacc tgaagttatt 240  
 tacggggtgc a 251

<210> 30865  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<400> 30865  
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 tgcaaaaaag actgggaakg gccttcaacg amrtaggaag aacmgttgtr aaatgggrgac 180  
 tcgagtgaag mmgggttggga gcaaggacct ttggcaagtg ctataatatc aagacattac 240  
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 gactaamatg attttcaaat gaatgatgga 330

<210> 30866  
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 <212> DNA  
 <213> Homo sapiens

<400> 30866  
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 acgggacacc 130

<210> 30867  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 30867  
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 atattcaaag gcatgaaaac atttttacca gtttatgttt tcctggtgca tttagaaatc 180  
 tgtggatcct tggggatggt gtatgcaggc aaatagagaa tccagtactt gtgaatctgc 240  
 ctgaatccac aggtttggga ataagggcag ggacttgagg gttcacagat gtgaagggtg 300  
 tacaca 306

<210> 30868  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 30868

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agcctcccga	gtagctggga	ttacaggcac	ccaccacat	gccagctaa	tttttgcac	180
tttagtagag	atgggtttca	ccatgttggc	taggctgggt	ttgaactcct	gacctcaggt	240
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<210> 30869  
 <211> 102  
 <212> DNA  
 <213> Homo sapiens

<400> 30869	
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cccagtaaat	atgaaagaag gccatccacc cttttttttt tt 102

<210> 30870  
 <211> 200  
 <212> DNA  
 <213> Homo sapiens

<400> 30870	
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tatgttgatt	atgactgaat grgtgaatta agttaatagt ttacttggat caacaaaatg 120
aaattatctt	cataaatgct tgattaaaat gagtaaagca aatgcattca ccataactan 180
dttaaattat	aaccagatg 200

<210> 30871  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<400> 30871	
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cgttatgatt	tgattaatgc tacctcataa cctaaaagtg ttaagcattc aaaaatgcat 180
aattttctcc	cagaatttga catttcctgg gaaaatttga ccaaaaaaga ataagtaagg 240
tcttattacc	tagcgattac agcatgatac ccccc 276

<210> 30872  
 <211> 118  
 <212> DNA  
 <213> Homo sapiens

<400> 30872	
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<210> 30873  
 <211> 198  
 <212> DNA  
 <213> Homo sapiens

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aattagttac	ttctatTTTT	actTTTTTTTT	ttggagmcag	agtcttgCyc	tgTTGCCcag	120
gctggagtgc	aatggtgtga	tcacagctca	ctgcagcctt	gacctcctgg	acccaagtga	180
tcctcccaat	tcagcccc					198

<210> 30874  
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 <212> DNA  
 <213> Homo sapiens

<400> 30874						
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aataagatgc	cactattgta	tttgaaccgg	gctgcttgcc	acctaaaact	aaaaaactta	180
cacaaggcta	ttgaagattc	ttctaaggaa	ttctgttctc	ttgagggcat	tgaatgtcag	240
gcctctgagn	ccaagctaag	ccatcatatc	cctagtgacc	tgsacgtata	catccagatg	300
gcctgaagca	agt					313

<210> 30875  
 <211> 377  
 <212> DNA  
 <213> Homo sapiens

<400> 30875						
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aataacaact	taggtatgcc	ctgtatcagt	cacttaaagt	cagtagctct	ccttataaca	180
agcccacaag	gtggatattg	ttacccatct	acttatcaaa	tcagaagtct	ctgagagtga	240
ataactttgt	gactatctag	tgtaggtgac	acggtagagt	ttccaaccnr	gtcctgcctg	300
gctgttccca	tgaccccttt	gccccaatcc	catgctamct	cccattcaaa	gtgtgccaga	360
agcatagtac	cccatyn					377

<210> 30876  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 30876						
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agtcactagg	gaggagagag	gttaaagggtg	aggatgataa	agacaccag	gaacttggga	300
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<210> 30877  
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 <213> Homo sapiens

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 cgtccagaat taattgaaca ggtcaataaa ggagactatg gatggacagc acagaattac 180  
 agccaaa 187

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 ggccgtcgca tcgattatag agattgaggt ggaacccggg gcctgggaac tggacgcacg 180  
 cggagggcga agatggaagc ctggcgctgt gtgaggaagg gctacggcca ctgtgtggtg 240  
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 <213> Homo sapiens

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 cattagttta gagacaaaaa tatcaggcct agcatctgca gtttttgggtg aatatcaaga 180  
 tttattttcc hgggaggcca gcattgacct cagtctcagt ttggctgata tttatctctt 240  
 agatcaatag gtcttgatgg tagctcaaac aaaagtcaat agccacctgt tgactcacac 300  
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 ctttacctag aatgatttgt acacactcgt ggtcaactga acatgaatgt cagtagtagt 240  
 ctaattatgg gaagggtaaa cgtgttagat taaggctctt aaagctctaa accatataaa 300  
 ctatggactt gtatcatgat ttaactgttc ttagatcttt cttacacagt gattcattcc 360  
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<210> 30882  
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<212> DNA  
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atgttttctt ttttaattgga tccttatcag agtactccca atcagatkst tctccagttt 180  
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cactttaaga aaatcaacat gtgctgcata ttttgagaa aataattttt aaatgtccgg 180  
cagca 185

<210> 30890  
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<212> DNA  
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aaaggctaag gccaggtcat ttggccaggg cttaagtac ctccccgtac cccactgca 180  
gcctcagcta gtatatgtga atggctgaca gagccgtttg tgaaatccct caattccatc 240  
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<210> 30893  
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gtttttggag gcagagtcag taggtctggt gatggattat atgtggtggt gacagtaggg 180  
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gaagcatgcc tcaggggagc gagggcagct gccctcaggg gaagggmagg aagtagggat 300  
ggggaggatg ccgccatgtg tccttaagct ttggcgtctt cctgagtga ctgggggtta 360  
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gttagggta ctcggctctg atctaggtcc catccgcctc ct 162

<210> 30895  
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<212> DNA  
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<210> 30896  
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&lt;210&gt; 30897

&lt;211&gt; 352

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30897

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accacaccca	gctaattttg	tattttttagt	agagatgggg	tttcaccatg	ttggtcaggc	180
tggtctcgaa	ctcctgacct	caggtgatct	gccacacctg	gcctcccaaa	gtgctggggg	240
tacaggtgcg	agccactgcg	cccggcccag	aaagcctttt	agctgaccag	gctactccca	300
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&lt;210&gt; 30898

&lt;211&gt; 281

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30898

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cgcgatcttg	gtcactgca	acccccgcct	tcgggttcaa	gtgattctcg	tacctcagcc	240
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&lt;210&gt; 30899

&lt;211&gt; 407

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30899

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cttggggcct	ccagcgagggt	ttccagagca	ttccatggta	tgagagacag	tgaggaggga	360
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&lt;210&gt; 30900

&lt;211&gt; 384

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 30900

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cctaagtatc	caatggcaga	tgaatggata	aagaaaatgt	ggtattttata	tataatggag	180
tactattcac	ccataaaaaa	agaatgagggt	cctgtcatct	ccaacatgga	tggaactgga	240

ggtcattatg ctaagtgata ttagccaggc acagaaaggc aaacatcgca tgttctcact 300  
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agcagaggag tgatgtctca tgtaaagatt ttaacaaggc cattctggct gctatgctga 180  
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tttttatatg ctgcataatc tttgaaggta gagccagcag gactactggg gacaaatata 360  
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cta 423

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<213> Homo sapiens

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gcaactgaac acaatttcctt actgatatag aggccctgag aagaatgaag aatttgaagt 360  
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 gaagaggaag tgaa 434

<210> 30905  
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 <212> DNA  
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<210> 30906  
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 <212> DNA  
 <213> Homo sapiens

<400> 30906  
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 gaccaataaa tgtgaatgtt ggaccccaaa tgattataag caccacagag actaaccagt 180  
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acaaagacac	acaaaaagca	atggcaacaa	aagcaaacat	tgacaagtga	gatctaatta	180
aacttaagag	cttctccaca	gcaaaaagaaa	ctataaacag	agtaaacagc	ctacagaatg	240
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ttttttttt	

<210> 30911  
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cggaaggatc	cgttcaggcc
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gaaagacttt	tttttttaat
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 <212> DNA  
 <213> Homo sapiens

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aaaataaaaac tttaatgggg attta

265

<210> 30914

<211> 289

<212> DNA

<213> Homo sapiens

<400> 30914

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gtagttctat	tttaagcaga	agtaattcat	gcactgcatg	atttttatca	tccctgtccc	180
taagaactat	gtgcttatag	caccaccag	tcattttaac	aattaaaacc	actctgccac	240
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<210> 30915

<211> 313

<212> DNA

<213> Homo sapiens

<400> 30915

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agcacatgag	aaagatacat	caattaatga	ctcatgtcct	aagtataact	aataaattat	180
attttaactt	aaaatttttt	tctattttaa	aagtttttga	gaaaaaatct	cagattacaa	240
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<210> 30916

<211> 381

<212> DNA

<213> Homo sapiens

<400> 30916

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<212> DNA

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 aagtgtcttg ttcaaatact ttctcaattt ttgagttttg tttattattg aattttcaga 360  
 gtcctttata tgctctagat gcaaatacctt tataagatag atactttgca aatatattcy 420  
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 <212> DNA  
 <213> Homo sapiens

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 c 121

<210> 30920  
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 tactaatcta tcagcagtga acacaaatgc 150

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 tggttcaggct ttgtctctct gcttggaatg cagctaacc tctccagtt accttgcttg 180  
 cacttagagg cttaagaatc ttcccgtagg atatatggaa ggtaaacctt tgtgactctt 240  
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<210> 30922  
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<400> 30922  
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ctgggasmta	taggyattat	tatcctcatt	ttacagatgt	gaaaattgvs	gctcagmgam	120
gtmaagtcta	ttgctcaasg	tcatgtggct	agamtatggc	agagccatga	ttcagatcca	180
ggctcttctga	ttcttattcc	agtgtccttt	ctagcatacc	atgttgccctc	taaagattgc	240
agctccttat	ttactagaaa	attgttcctg	cccaatctac	atctccacct	caccccatct	300
tttct						305

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 <212> DNA  
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<400> 30923						
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tgagagaata	tgccccacca	cgaaactcag	cccagtagac	accatcctgg	tagcggcttc	180
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accagcctcc	ccgctgggtac	agggcacagt	tacctgaggg	gagagagaga	gtccatgtcc	300
tctcaccaga	ataaaagcct	ctacctgcac	ctcacagtgc	aaggcttttg	ccaggcatcc	360
cctggccccct	cccatttctta	ttgaatacaa	gcctgatct	tccatctcct	cagcaaaaaa	420

<210> 30924  
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 <212> DNA  
 <213> Homo sapiens

<400> 30924						
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atcaggwgaa	gacccctgtg	aagccccaag	gccagtaact	aggtgctggt	acccagggcc	180
gcagcactgg	ctgctctctc	acccagct				208

<210> 30925  
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 <212> DNA  
 <213> Homo sapiens

<400> 30925						
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gctgttccca	ggcttttttc	aaagcaagtg	gatctgagcg	ggacaaaagg	tgaaggcagg	180
ggacagctc						189

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 <211> 146  
 <212> DNA  
 <213> Homo sapiens

<400> 30926						
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caatgtcaaa	taaaagagaa	cgaacaggta	gtttgggtgga	gctgagctag	tgtacaatac	120
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<210> 30927  
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<212> DNA  
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wwtaaacrta cctaccattg attctttvdg aaatctctgr cacagggtga aatcttctgc 180  
cattgkgwt aaacaaggca attaatctgt ccattttctk wtctttcatk tcttttcct 240  
gtgaagacat ctctcctgga gcttgccatt ctccaccgtg gatagggtgc tttcaaggat 300  
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<210> 30928  
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<212> DNA  
<213> Homo sapiens

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aaaattatta attgtttcac agactgctta aagactgcat taaataaaaa tgatcagaac 60  
tttaaatgtt ttatttatag aagactatct atttatcttt ttactatcct gcndttttar 120  
ggttttacac acgcat 136

<210> 30929  
<211> 191  
<212> DNA  
<213> Homo sapiens

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twrsccccag ctttntgggg aggctgaggc gggctgctcg agtccaactg ngcagcaaag 180  
caagaccccg t 191

<210> 30930  
<211> 295  
<212> DNA  
<213> Homo sapiens

<400> 30930  
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tggtaatctt agctactctg gaggctgagg cacggggatc acttgagcct aggaggtcaa 180  
gactgcagtg agttatgatt gtgctatagc actccagctt gggtgacata gtgagatcct 240  
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<210> 30931  
<211> 369  
<212> DNA  
<213> Homo sapiens

<400> 30931  
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gaactgtcaa cttagataat tttcaagaag tattgaattt ttctccttgg tttttgtggc 120  
ctttaaagta atgaaaagta gttctataaa ggcaaattgg aaagcbatct ctgccttttt 180  
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ctgtataatg agcctaattg tcacacaatt ttaggaaatg aagagactat aaaggatcatg 300  
 gattccagct cctcttacag atgaatgaag ctgatgctga gagaagctaa gctgcttggt 360  
 taagagcat 369

<210> 30932  
 <211> 274  
 <212> DNA  
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 aaaattagct gatgtggtgg tgcaggccta tagtctcagc tactcgggag actgaggcag 180  
 aagaattgct tgaacccagg aggcggagggt tgcagtgagc cgagatcaaa cactgcact 240  
 ccagcctggg caacagagcg aaactccatc tcac 274

<210> 30933  
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 <212> DNA  
 <213> Homo sapiens

<400> 30933  
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 tctgtcacc aggtctggagt gcagtggcgc catctcggct cactgcaaga tctgcctccc 180  
 aggttcattgc cattctcttg cctcaccctc ccgagtagct gggactacag gcgcccaccg 240

<210> 30934  
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 <212> DNA  
 <213> Homo sapiens

<400> 30934  
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<210> 30935  
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 <212> DNA  
 <213> Homo sapiens

<400> 30935  
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 cagcacaatc ctagcaaaca ttgtaaatgc cttggcaagc gtgcctaagt tctatgtaca 180  
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 accc 244

<210> 30936  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<400> 30936  
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tgcaatgacc aggcagaaaag atatTTTaaag gtgtaattat tctaanggaa gatgagaaaa	120
aattcatctg ctacagattc aactgncTTT taaatgcctc ccttgTcatg gagtaaatga	180
ctactcaaaa ggatttcaca aaagactTaa atctcacctc tagcaatcaa ccggTcgGCC	240
acagctcaga Tgcctcatta gcaaaatgaa attgcacaac c	281

<210> 30937  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

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ttatttccca tcttctTTTaa aggtacattg atcattcgTT atccttccat ttctTTTggg	120
ataaagtatt tTTaaagtat tcctTTtagat gataccctcc ttatacaaaa actttattga	180
gagtagttat aaatgctgaa ttgatggtag ctggactccg caggtaattt tTcacattgt	240
tatctTTggg gagtgaacaa aatcaattat taaaaattta acttaaaatt atatTTTTtg	300
Tgcttcaaag accatcatca aaaagTaaaa agttagtTga ccaa	344

<210> 30938  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<400> 30938	
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cccaccctg acatgtgggg mtaattacaa ttcaaggTga gatttgggtg ggaacacagc	120
caaaccacat cactcctTca atTTTTttct ggtagatagt gaaggTcagc acctgtggga	180
aaggatgaaa aatgggtctg aagaagcaaa Tggaagaact cagcagagca ggagatgtga	240
atgctcacag agatacagct agagaccagc atgaatggTg gaagtctctt ggtagagtct	300
Tgcaagttgg gaagagaaat cacacatgTT	330

<210> 30939  
 <211> 53  
 <212> DNA  
 <213> Homo sapiens

<400> 30939	
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<210> 30940  
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 <212> DNA  
 <213> Homo sapiens

<400> 30940	
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ttttcatagg gctttTgtga agattaattt gggtaggtaa gtagagtaga taggcagccc	120

<210> 30941  
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 <212> DNA  
 <213> Homo sapiens

<400> 30941

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acaggtccac	ttatgcatag	atccacttat	acagaatttt	cttctccctc	ttccacccaa		120
gacagaaaga	ccaactcgtc	ctcttcctcc	ttagcctact	bdgctgaag	acagtcagga		180
tgaagacctt	tattatgact	gatctccaaa	aagattggct	tcagtatttc	atggagtgtg		240
atgaattaga	atcctgagtc	tctatattgt	taattatttt	agtctcttgg	tctacgtgtg		300
ttcctaaact	gtagtagctt	tcttaattta	gttctaggca	tactacatta	ggggataa		358

<210> 30942  
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 <212> DNA  
 <213> Homo sapiens

<400> 30942	
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ggactacagg	tacctgccac
tttcaccatg	ttagccagga
tcccaaagtg	ctagcattac
agcacatagg	gtatgcaaag
acattgttat	tttcatagst
gagactgctg	gggtctgtgc
ctcgcctgat	gc

<210> 30943  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<400> 30943	
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aatggagat	agggtttagt
ttcgctctg	cctggatgcc
tttacattaa	gttttctttc
gttttcactt	ttctgcttct
tataaattgc	ctattttctg
actcat	

<210> 30944  
 <211> 146  
 <212> DNA  
 <213> Homo sapiens

<400> 30944	
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cgcstccttc	ttgacgcaa
ccccca	

<210> 30945  
 <211> 77  
 <212> DNA  
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<400> 30945		
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<210> 30946  
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<212> DNA  
<213> Homo sapiens

<400> 30946  
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tctaattgct ttacatgtat taggctatgt attcctcaca tgaaccatat gaaagagata 180  
ctcttattgt tgtcatttta gaagtgaaga aactgaggca cagaaaactt aagtaattag 240  
tccaattcat acaggtagta tatggtagaa ctgaagcagt tgggccccag gtcttttttt 300  
ttctttcttt ttctttctgcc gccgrctcct ccaacc 336

<210> 30947  
<211> 219  
<212> DNA  
<213> Homo sapiens

<400> 30947  
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tattctaagt tttttttagg gcyagaatth gcgggtggaga aaggggctgg ggaagagaaa 120  
gacgatcagg agtgggtctct gaaaagtatt gggcctcaaaa ggcagtgtct gtaaagggtta 180  
gtgtgggaga agagagcgac ttgtagctat ttttttttt 219

<210> 30948  
<211> 271  
<212> DNA  
<213> Homo sapiens

<400> 30948  
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ctctgtaaaag tggagggtttt ggcattgagct gtttaacttg gccaaagctag gctgtcaacc 120  
agacaactca gtccttttcat gtaaattttt gggcaagaga agtctgcttt gactgccttg 180  
cctgaccaa ttaaataaat agttgccaga tctctacttt tctctgcat gggataatat 240  
atctgtaaat gcatgagttt ggaaaccacc c 271

<210> 30949  
<211> 350  
<212> DNA  
<213> Homo sapiens

<400> 30949  
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ggcctcccaa gtggctggga ttacaggcac ccgccaccat gcctggctaa ttttttgtat 180  
ttttagttga gacgggggtt cactatgttg gccaggctgg tctcgaactt ctgacctcat 240  
gatctgccc cctcggcctc ccaaagtgt gggattacaa gcgtgaccac cgcgtccggt 300  
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<210> 30950  
<211> 373  
<212> DNA  
<213> Homo sapiens

<400> 30950  
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cctcatacct	tccaaatcaa	aaaataat	ccctagtatt	ttaattactc	ccccaaatca	180
ggaataactt	cctcactgtg	ctgat	ttcttttaaa	ataaggtggt	aatttgaagg	240
taatagttaa	accagtcata	gattattcta	tgccattctt	ttcaaatacag	cccactcagg	300
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tcacccccca	cca					373

<210> 30951  
 <211> 137  
 <212> DNA  
 <213> Homo sapiens

<400> 30951	
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tgttgagcat	ctagctaaaa
gaggttaaga	ggaggctcat
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gctttgctga	acgctgggtca
tcttaaaaac	gagcatc
	60
	120
	137

<210> 30952  
 <211> 436  
 <212> DNA  
 <213> Homo sapiens

<400> 30952	
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ctcagtgatc	tttaagatac
cacagaaaag	cagttcagaa
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atttatcaaa	taaacttagc
aaagagggtg	aaataataaa
aagaaatcaa	gcagaaatct
	120
tagaacggag	aaatatgttt
gcagagctga	agaattcctt
agaggctttc	caaagaagaa
	180
tggatcaagc	agaggtaaga
atcattgagc	ctaaagatag
gctatttgaa	aatacataaa
	240
ggagaaaaaa	atcttttaaaa
aatgagaatc	aacaaagatt
gcctacaaga	tacagaaaat
	300
tacctcaaaa	gaccaaattt
gccaaatgag	ttggctcatg
cctgtaatcc	cagcaccttg
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ggaggctgaa	gcaggaggat
cacttgaagg	caggagttcg
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tgagaccccc	ctctcc
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<210> 30953  
 <211> 171  
 <212> DNA  
 <213> Homo sapiens

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ggttgggtgc	aggccagggg
gctaggggta	cagagatgag
	120
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tgagtgtgtg	tctgtttggg
gaggcagggt	t
	171

<210> 30954  
 <211> 433  
 <212> DNA  
 <213> Homo sapiens

<400> 30954	
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tgaaaatgct	tggaatat
tgagaattac	caagatgtga
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cacagagaca	tgaaatgagc
acatgctttt	ggaaaaatag
cgccaataga	tttgctcaac
	120
acagcattgc	tgacagacctt
caatttgtaa	aaaatgcagt
aactgcaaag	tgcaataaaa
	180
tgaagcacia	tagcgagag
caagataaag	caaagtatga
ctgtagctgg	taaaaaactgg
	240
cgtgagaaga	tgaccctggc
atattctata	catttcttgc
ctcaaaaactg	gaatcaggca
	300
ttcctccaga	gatccctgac
ttcttttggg	agtggggtgt
aggcaatgct	attagaaact
	360

ataatctgga tactagaggt actcgttgta agtttacatt gttcatagtg taatcacctg 420  
acagcttctt ccc 433

<210> 30955  
<211> 227  
<212> DNA  
<213> Homo sapiens

<400> 30955  
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ctaattttta tgcagtatga aatgctcatt ctattgccca actgggtgctc tctgttttaa 180  
gttacagatc ttgcgaaact ggaactatct tataagctga ggaagtg 227

<210> 30956  
<211> 243  
<212> DNA  
<213> Homo sapiens

<400> 30956  
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tttcaaagcc tcggattggt tatcttgcaa ggagagaagg ggcctcttct ccacagatgc 120  
agctcaaatt agcaaaactg aactgtagag ttccaggcct ttcccttctt taaaatgctg 180  
atagatttct agaccagact ttgatattta ttggcttctt ggtcttgctg tttaaacaca 240  
ccc 243

<210> 30957  
<211> 182  
<212> DNA  
<213> Homo sapiens

<400> 30957  
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atatttattt ttaaattatt ctcatagtgg taattgcgta ttgttttatc tcacaggtag 120  
tctcccacta ttttatatct ttgttacttc aagtaagaca atcttaaata tgagaggaca 180  
ac 182

<210> 30958  
<211> 286  
<212> DNA  
<213> Homo sapiens

<400> 30958  
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catctagtct atgtccccag tgcccttgga gttgcgcast tagctgactt gactccaagg 180  
aaattagtac agaagtaacc actctattaa gtgtgttctg ctatgttcac atgcctgtag 240  
tacctgcaaa ccatgccagg ttcatctaaa gacatagggg aagcta 286

<210> 30959  
<211> 388  
<212> DNA  
<213> Homo sapiens

<400> 30959  
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 ggattagtgc ccttatcaaa gaggccagca ggaacttgct cctcccttcg aggtgggagg 180  
 cggggctgga ctctggagct gggctcagac accagaccaa aatgaggact agataaaaaca 240  
 gggaaggggc aaaagcagct tttcataaga catgccacc agtgtgccat gtcckwttac 300  
 tattgtccca acaacactca ggagttaccg cccctttccg tggcagtgay cccacgaccc 360  
 agaagttcct amccttgctc tagaaatt 388

<210> 30960  
 <211> 123  
 <212> DNA  
 <213> Homo sapiens

<400> 30960  
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 cca 123

<210> 30961  
 <211> 219  
 <212> DNA  
 <213> Homo sapiens

<400> 30961  
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 gcttggttgct ggaaacaagc atgaccaaaa acaaggagtg atagctgaca acctgacaga 180  
 aaagaaacaa gaaaatatat gaagtataca taagacctc 219

<210> 30962  
 <211> 129  
 <212> DNA  
 <213> Homo sapiens

<400> 30962  
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 tccaatagca tTTTaataat aattggTTTT taataataaa taaaactTTg tTTaatatta 120  
 aggaaagaa 129

<210> 30963  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<400> 30963  
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 cccaggcggg gtggagcgga gctgctggga ggctgctgga taggagaggg gtcacggctg 240  
 cggaagagga ggttcttcgg gacaccgtgg atggacacgg caaggaaaca ccaggccaac 300  
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<212> DNA  
<213> Homo sapiens

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acataatata gagaggtata tagtatagag taacacagtg cttgtttcac ggtaccacaa 120  
agttccattc ctgagctta aatctctgta accagccttt gtggttgctg tgtatcattc 180  
cagatatttc catattttgg ttttagtttt gtttcttaaa tgaaggggag aaagtgttgt 240  
tttaacgggg tacc 254

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<400> 30973

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acacagccat	tcaagcaacc	agactccttc	tctctgctgc	ctccaccttc	ctcgaggccc	240
atgtcattca	ggcagagata	ggcaaaggga	gggaggccac	gcacaggagg	ttcctgtgac	300
ccccggatgt	agcacctttc	ctctgcttgg	gagacactgg	ccggagctca	cttgtgcgtc	360
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<210> 30976  
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aaaagtcttc	caagtcccca	tccgtcccag	aagcccagcc	ggcttcatct	ctcactggca	180
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<400> 30977						
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gactgacttg	gctgaagaaa	atgccagttc	tgtggatgtg	gccgtgacaa	gaggacgtgc	180
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<210> 30978  
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 <212> DNA  
 <213> Homo sapiens

<400> 30978  
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 aaggaatttc actacaaccg ctacctcc 148

<210> 30979  
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 <212> DNA  
 <213> Homo sapiens

<400> 30979  
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 tacttatggg tcttgaaaaa gtcaggtaag tactctgtgc tgac 164

<210> 30980  
 <211> 302  
 <212> DNA  
 <213> Homo sapiens

<400> 30980  
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 ttgtgggtct gtgtttgttt ttatttttat atgttgtag ctgcagatta accccagccc 180  
 ctctgtcttc tgtaagtac agttgatact gacattgttc actcatcaaa ccacatcttg 240  
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 tt 302

<210> 30981  
 <211> 134  
 <212> DNA  
 <213> Homo sapiens

<400> 30981  
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<210> 30982  
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 <212> DNA  
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<400> 30982  
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<210> 30983  
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 <212> DNA

<213> Homo sapiens

<400> 30983

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caccacttc	cccatgccaa	aagcatataa	ctgctaatac	gttaccgcat	tttttgctgc	240
cgaattcgta	agcagcccca	agagttctca	acaggatgct	tcagggtggc	actactaatt	300
atttggagtt	ggcacgtgag	gttaaacctg	tttgtcttct	ttgtagtggg	tggtcctgtg	360
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<210> 30984

<211> 181

<212> DNA

<213> Homo sapiens

<400> 30984

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cgccctctt	ggtgcgatgc	tgtacaggtc	tctgtaaaaa	gtccttgctg	tctcagcagc	180
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<210> 30985

<211> 280

<212> DNA

<213> Homo sapiens

<400> 30985

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<210> 30986

<211> 204

<212> DNA

<213> Homo sapiens

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atattaaaac	aattatatgc	ctatatgaaa	tgttttgagc	taacaagtag	gacagtttta	180
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<210> 30987

<211> 194

<212> DNA

<213> Homo sapiens

<400> 30987

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194

<210> 30988

<211> 327

<212> DNA

<213> Homo sapiens

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akchgggcag	tgggtgggag	ccagtgagga	cagacagccg	tcgatggagc	aaaaagacac	240
ttgtgtgctg	gtctggctgc	aaaaggga	gaggagtcaa	gggasrctta	aaatagcaaa	300
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<210> 30989

<211> 444

<212> DNA

<213> Homo sapiens

<400> 30989

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gatcgcttga	gctcaggagt	ttgagaccag	cctgggcaac	atggtgaaac	cccttctctg	180
cagaaataca	aaaattagcc	aggtgtggtg	gtgtgcgcct	gtagtccac	ctaccagagg	240
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gttggtttaa	tttacttcag	cttagtgggt	tttttttggg	gtggggggag	tggctatttt	420
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<210> 30990

<211> 224

<212> DNA

<213> Homo sapiens

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cattttgacc atagtaaaat ttgtgtttgt ttttatttcc ttttcttaag ctccactgat    180
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<211> 139

<212> DNA

<213> Homo sapiens

<400> 30991

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<211> 424

<212> DNA

<213> Homo sapiens

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<211> 401

<212> DNA

<213> Homo sapiens

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<211> 261

<212> DNA

<213> Homo sapiens

<400> 30994

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tctttttgag	acggagtctt	gctcgccagg	ctggagtgc	gtggcacaat	cttggctcac	180
tgaaacctct	gcctcccggg	ttcaagcgat	tctcctgtct	cagcctccc	agtagctggg	240
attacaggca	tgtgccacca	c				261

<210> 30995

<211> 131

<212> DNA

<213> Homo sapiens

<400> 30995

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<210> 30996

<211> 221

<212> DNA

<213> Homo sapiens

<400> 30996

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 tctactaaaa atacaaaaat tagtgggaca tggtagcgta tatctgtagt gccagctact 180  
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 <212> DNA  
 <213> Homo sapiens

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 tgccttgtag tgtggtatga agtgctaact gttattataa ttgtattctc ttttgtcaat 180  
 aagacaatat ttggcttatt tagttctgca ttttacataa tctaaccctt gctaattttt 240  
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 <212> DNA  
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 <211> 282  
 <212> DNA  
 <213> Homo sapiens

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 tcttgctttt ctatatcatt acccaaattc ttgatttmaa aatattgtat agggynrpgc 240  
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<210> 31000  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

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 aactttaaag aaaagataac tactggccag gtgcagtggc tcgcacctgt attcccagca 180  
 ctttgggagg ccaaggcagg tggatcatga ggtagaggat tggagaccag cctggccaag 240  
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<210> 31001  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

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 taacctgctt ctgtctctgt agatttgctt gttctggaca ttccatatca atgggtatcat 240  
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 <212> DNA  
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 ctcaaccaac cagccc 196

<210> 31003  
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 <212> DNA  
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 <212> DNA  
 <213> Homo sapiens

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 ccgtgtgaag caactactat aaacttgagt catcccgacg ttgatctctt acaactgtgt 180  
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<210> 31047  
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 <212> DNA  
 <213> Homo sapiens

<400> 31047  
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 aacaatatta attcttccta tctatgaata tggaatgttt ttccatgtgt ttgtgtcatc 240  
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<210> 31049  
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 agaatctgca gatctcttaa ggctaagctt tggaagtgtc aacattgtca mctctgtctg 360  
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 caggaggaag ccagtgaaga ggacaatgga atgctgagtc aatgacattg acttgtgttc 180  
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<400> 31052  
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 <212> DNA  
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<212> DNA  
<213> Homo sapiens

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<210> 31058  
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<212> DNA  
<213> Homo sapiens

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<210> 31059  
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<212> DNA  
<213> Homo sapiens

<400> 31059  
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gaccgcgcc ttctctaaat tttttttttt tttttt 216

<210> 31060

<211> 99  
<212> DNA  
<213> Homo sapiens

<400> 31060  
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<210> 31061  
<211> 376  
<212> DNA  
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<400> 31061  
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<210> 31062  
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<212> DNA  
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<212> DNA  
<213> Homo sapiens

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<210> 31065  
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gattatatta	accttacatt	catgttccaa	ccgtgtaatt	ttgccctaata	acattatttt	180
aacttttctc	tagcttctgt	agacatcatg	attcctgtct	tgcttgaatc	cgaatctgta	240
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<210> 31068  
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<210> 31069  
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<210> 31070  
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 caaaccagat tgcagcaggg gtgagagagt ccctgctgag attgtctcgg gggccaggga 180  
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 tccagggtt tcgaaagaca ttattgttat ggcaagtaag acttaaaagt aatcgtccta 180  
 gcaac 185

<210> 31072  
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 <212> DNA  
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<400> 31072  
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<210> 31073  
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 <212> DNA  
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<210> 31076  
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 <212> DNA  
 <213> Homo sapiens

<400> 31076						
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 <213> Homo sapiens

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<210> 31078  
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<212> DNA  
<213> Homo sapiens

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tagtaccatt ttgtaacata ggctgtttgc ttcattaagt aaataatcaa cagtcataaa 180  
tagtactctg gtaaatttca cagggatagt agagac 216

<210> 31080  
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<212> DNA  
<213> Homo sapiens

<400> 31080  
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<210> 31081  
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<212> DNA  
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<210> 31082  
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<212> DNA  
<213> Homo sapiens

<400> 31082

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&lt;210&gt; 31083

&lt;211&gt; 123

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 31083

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&lt;210&gt; 31084

&lt;211&gt; 392

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 31084

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&lt;210&gt; 31085

&lt;211&gt; 406

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 31085

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&lt;210&gt; 31086

&lt;211&gt; 335

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 31086

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cagaatgagg	gtagtacaga	tgagaagtca	agccctkvca	gctctcaaga	agggtctcct	300
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tcatttttaga cccaaaatga gagaattsct tgagaattac tcagcacttc tgttggtgga 360  
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gattcttaat ggggctcata ataagtttaa tatgcacagc atcttagaaa agtttaacct 240  
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mctaggacaa agacctgaca aattattaca cagggcataa acaagaccag gagtgaatat 180  
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 aagtaaannh gtcattcact aaattggctg cttggcaaac taattttcaa agaattagca 300  
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<212> DNA  
<213> Homo sapiens

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<210> 31122  
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gcgtgggttg	gaaaaagcag	aaactttaca	taaagctgta	tttcttaatc	atctttaatt	240
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taacctcact	ttacaggaaa	gggaggtgag	gagccaagag	tttagagtac	ccgaagttcc	180
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 <212> DNA  
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<211> 261  
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 agtgaattcc acaataaaga ggtgaatccc attattaatc aaatctgttc ataactttgg 180  
 gctttaggct ttagtttaat ttttaaaaca aagggttgaa gtcttctcag agcatcttag 240  
 raatgtactg gagccgagcg t 261

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 <212> DNA  
 <213> Homo sapiens

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gaaacagata	ttggattcag	catagtaata	gtaaaataaa	attggcagag	aaaataactg	240
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tttgaggtaa	tgagggtaaa	agtgtaat	cccagagaag	aagcttgtga	tgttgatgac	180
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<210> 31138  
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tcaattcttt	ctcaagtga	attctccatg	atgtctgaaa	cttttgtcta	tacaatcctc	180
agtgggaagt	ctatttgcaa	ataatttttt	attcatcgag	ttcccaatct	cttttccttc	240
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aaaggcaa	ggcccggg	cgaatcggag	gctgcggcga	aggaaggagt	gagcatggct	180
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<210> 31140  
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 <212> DNA  
 <213> Homo sapiens



<212> DNA  
<213> Homo sapiens

<400> 31145  
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taattaataa attaataaaa agctaatacac agtattgtga tgtcgtgtag gtatggrcac 360  
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<210> 31146  
<211> 239  
<212> DNA  
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aagttaaaca gaaccttgat tttttaaaaa aacgttcaat atagatacca catttaacat 180  
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<210> 31147  
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gaattccaca ttttagcaag tggcaaagat gttggtttgt taacagttat tcagattgct 180  
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<210> 31148  
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aattcttttag ttctgtcaaa ccagaactct tgaaagcact ttgaacaatg cctggaaaat 180  
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<212> DNA  
<213> Homo sapiens

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ttagatgact	tggccnaggt	gccactgcta	ggaagttgga	aagcacatag	tcaaatacagg	300
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gccaatgtgt	tttgaaaaat
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aacattaagt	acaatttata
ntgaaaacgt	gatagctgta
	180
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cttgtgatca	ctgtgattta
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	103

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gttgtctaaa	gtttgctagt
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actagattat	agagtttatt
tttgctttta	tgctttaaag
	180
aatgcatgcc	caaaacacta
ctaccaacag	gaggattttt
taaaatcaca	gaattgatat
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gctaattgtac	ttctgttaca
taattaaact	atttctgcta
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 <213> Homo sapiens

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 caccacattt taactgagtt ccagtgatat gacaggcttt caattctcta atctcacaga 240  
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 <212> DNA  
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 accaggaggt ggagatcact gggggtcac tagagtttgc ccatcacgtg gaagaaagtg 180  
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<210> 31158

<211> 366  
<212> DNA  
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<212> DNA  
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<210> 31160  
<211> 78  
<212> DNA  
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<210> 31161  
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<212> DNA  
<213> Homo sapiens

<400> 31161  
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<210> 31162  
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<212> DNA  
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 tgttcctgga aggtgggcaa gcagchtgat gggttaacat tgggatttgc hgtcgttata 180  
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 <213> Homo sapiens

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<210> 31166  
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 <212> DNA  
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<400> 31166  
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 gactgttgat atgtattttt tgtgaagtgt gtgttgaagc cttgcagatt attttttaaa 180  
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cttgTTTTct	tatatagaaa	atcagttcat	attgagaata	gatgccacat	gttgaaaagg	180
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tgaccaaata	tctggacaaa	atggctacct	cttattttct	agctgtactt	aattcattgg	300
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&lt;211&gt; 322

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 31168

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&lt;210&gt; 31169

&lt;211&gt; 274

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 31169

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&lt;210&gt; 31170

&lt;211&gt; 235

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 31170

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&lt;210&gt; 31171

&lt;211&gt; 323

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 31171

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 <212> DNA  
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ccactcccta	atctcaagta	cccagggaca	caaacactct	gcctaggaaa	accagagacc	240
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<212> DNA

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tggaagcaa acttattcca agtttcctaa aatgaaatta atgtgacttt ctttccccgc 240  
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